



LYCOMING COLLEGE

CATALOG FOR
1968-1969

WILLIAMSPORT, PENNSYLVANIA

Lycoming is a Christian coeducational
liberal arts and sciences college.
It is open to students of all faiths,
backgrounds and opinions.
It explores all available avenues to truth
and stands firm in the liberal arts
tradition of training the whole person.

LYCOMING COLLEGE

WILLIAMSPORT, PENNSYLVANIA 17701

Catalog for 1968-1969
Announcements for 1969-1970



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THIS IS LYCOMING

Purpose and Objectives

Lycoming College devotes itself to the vocation of humanity: the vocation that enables man to become aware of what it means to love truth, goodness and beauty, by

fostering free inquiry and learning in a curricular experience that provides basic knowledge of the cultural, social and natural world,
developing searching, critical, and creative attitudes of mind, encouraging cultural explorations essential to a free society,
affirming the Christian faith as a valid interpretation of the vocation of humanity,
developing an appreciation for the values of social, mental and physical well-being, and
preparing students for professional and vocational opportunities that may be pursued upon a more humanitarian level because of foundations laid by a strong liberal education.

“Vocation of humanity” suggests that the primary concern of the college is human life and living. We find this concern manifesting itself, in a Christian setting, as an affirmation of the fundamental dignity and worth of all human beings. The entire program of the college is directed toward fulfillment of objectives that seek to fit young men and women for “the living of these days,” in a global society in which the priceless commodity is human life. Lycoming College redefined its educational mission recently by the formulation of the specific objectives above. It now faces the decade ahead with the confidence that man’s best chance for survival lies in wisdom, knowledge, and understanding born of liberal education.

Locale

Lycoming College is situated upon a slight prominence in downtown Williamsport, Pennsylvania, overlooking the beautiful West Branch Valley of the Susquehanna River. Greater Williamsport has a population of nearly seventy-five thousand. Residents consider the college one of Williamsport's finest assets.

Williamsport was once the center of the lumbering industry of the northeastern United States and, while vestiges of that enterprise remain, today the city is expanding with many widely diversified industries.

The area around Williamsport is known for its lovely mountain scenery and fine outdoor recreational facilities. Yearly thousands are attracted to the woods and crystal-clear streams where hunting and fishing are unsurpassed. The city has two large parks, a municipal golf course, tennis courts and numerous playgrounds. Public education is represented by excellent schools both in the city and in the surrounding townships and boroughs. Cultural opportunities are provided by Lycoming College, the Civic Choir, the Community Arts Festival and the Community Concert Association. Eighty-eight churches representing a number of denominations minister to the spiritual needs of the community.

Within America's industrial Northeast, Williamsport is centrally located. It is approximately two hundred miles from the major urban centers of the region: Washington, Baltimore, Philadelphia, New York, Syracuse, Rochester, Buffalo and Pittsburgh. The city is easily accessible by airline, train, bus and automobile. Allegheny Airlines provides daily flights with direct passenger service to virtually all Pennsylvania cities as well as to New York, Buffalo, Boston, Cleveland, Detroit, Hartford, Newport News, and Washington. The Penn Central Railroad offers daily passenger service to Buffalo, Harrisburg, and Washington with connections at Harrisburg to all major cities. Greyhound Bus Lines and Edwards Lakes to Sea System operate daily schedules to all points. U.S. Highways 15 and 220 are routed through the Williamsport area as are State Highways 87, 118, 147, and 287. The new Interstate Highway 80 (the Keystone Shortway) crosses the state just a few miles south of Williamsport.

History

While the specific objectives of the college have varied somewhat with the changing years, its purpose of providing educational opportunities for young men and women has remained consistent throughout the 157 years of its history.

Founded in 1812 as Williamsport Academy, it is the oldest educational institution in the city of Williamsport. At first, the Academy served only the young through what are now recognized as the elementary grades. With



LYCOMING
COLLEGE



LIBERAL ARTS
FOUNDED IN 1812

the advent of public schools in the city, the Academy expanded its curricular offerings to include high school and college preparatory work.

In 1848, under the patronage of The Methodist Episcopal Church, the Academy became Williamsport Dickinson Seminary. The Seminary continued as a private boarding school until 1929 when once again its offerings were expanded, this time to include two years of college work. This expansion resulted in a change of the institution's name to Williamsport Dickinson Junior College. During its years as a junior college under President John W. Long, the institution forged a strong academic reputation, strengthened its faculty and expanded its physical plant.

Increasing national demands for higher education following World War II prompted another significant step in the growth of the institution. In 1948, the junior college became Lycoming, a four-year degree-granting college of liberal arts and sciences. It is approved to grant baccalaureate degrees by the Pennsylvania State Department of Public Instruction. It is accredited by the Middle States Association of Colleges and Secondary Schools and the University Senate of The United Methodist Church. It is a member of the Pennsylvania Association of Colleges and Universities, the National Association of Schools and Colleges of The United Methodist Church, the Association of American Colleges, and the National Commission on Accrediting.

The name Lycoming is derived from an Indian word "Iacomie" meaning "Great Stream." It is a name that has been common to north central Pennsylvania since colonial times and is an appropriate one for a school whose purpose has been consistently that of educating the area's young men and women. Through fulfillment of its specific objectives, it has been and continues to be an influential voice in the educational, cultural and spiritual development of the entire north central Pennsylvania region.

Traditions

The long history of Lycoming and the attractive geographic setting combine to provide fertile ground for the seeds of enriching expansion, one of the college's major traditions. Alumni nostalgically remember Old Main and other buildings from the past, but what is *most* characteristic of their college is its amazing capacity for growth that continues to meet the demands of our changing society and its evolving culture.

Through more than a century of its history, the college has had the stabilizing influence of The United Methodist Church. The evolution of Lycoming from its origins to its present status has been accomplished with the continuous conviction that a Christian philosophy of life is a proper leaven of higher education. Lycoming fosters a Christian atmosphere in all aspects of the college program and stresses the development and practice of a Christian way of life.

Lycoming College is owned by the Preachers' Aid Society of The Central Pennsylvania Annual Conference of The United Methodist Church. Faculty and students express their religious convictions through membership and participation in nearly thirty Protestant denominations as well as the Roman Catholic and Hebrew faiths. Significant opportunities are offered every student for personal expression of religious faith.

Lycoming College firmly believes in Christian higher education. One of its major objectives is continuous affirmation of the validity of the Christian faith as a way of life. Fulfillment of this objective is aided by the support of a strong Department of Religion. This department was established through the generosity of the late Honorable M. B. Rich, for ten years President of the Board of Directors.

An emphasis upon Christian worship and thought is offered by the weekly chapel program which brings to the campus outstanding religious leaders who share with the student body contemporary religious thinking.



DR. D. FREDERICK WERTZ
President, 1955-1968



ACADEMIC PROGRAM

Admissions

Admission to college today is becoming increasingly competitive and undoubtedly it will continue to be so; thus, it is for each college to define its future position.

At Lycoming College there is to be an increase in the size of the campus, the addition of new facilities, the continuous improvement of the faculty, and the development of a larger student body. The intent is to provide a quality education for an increased number of students, while maintaining identification as a small church-related college.

Admissions Policy

The College Committee on Admissions sets policy and recommends the standard to guide the selection of candidates. Admission is regarded as selective and is on a competitive basis.

In making selections emphasis is placed upon academic measures as evidenced by school records and examinations. Consideration is given to subjects studied, classroom achievement, relative rank in class, differences among schools, counselor's recommendation and Scholastic Aptitude Test scores.

Attention is given to qualities of character and leadership, in addition to activities and interests in school and community.

Academic Requirements

1. Graduation from an approved secondary school is required.
2. Although a set pattern of high school subjects is not required, a strong program of academic subjects is recommended as the most desirable preparation for college. This should include a total of 15 or 16 academic units with substantial work in the areas of English and mathematics, and additional work in foreign language, social studies, and science.*
3. The College Board Scholastic Aptitude Test is required. Acceptable scores are considered in the light of other academic information.

* Music majors must provide a letter of recommendation from the applicants' private teacher and/or high school music supervisor.

Selection Process

Applications are accepted until March 1, after which the selection process begins. Criteria have been established to identify well-qualified candidates who are sincerely motivated to high academic performance.

Although it might seem, with the emphasis placed on test scores, class rank, and other statistical information, that numbers are all important, this premise is not entirely so. Many hours are devoted to reading applications, personal recommendations, counselor's evaluations and other available information. In addition, phone calls and letters are frequently exchanged in an effort to discern the qualities in an applicant which play an important part in the success of the student at Lycoming. Each candidate is carefully considered in a very personal way.

Candidates are notified of the committee's decision sometime after March 15, but before April 1. Those selected are required to pay a \$100 fee no later than May 1. This amount is not an extra charge but is used to reserve a space at the college for the fall and each succeeding semester. It will be applied toward the charges of the last semester in residence, normally the semester prior to graduation. Should the student decide to transfer or otherwise terminate his enrollment at Lycoming College prior to graduation this fee may be refunded. Refund must be requested before the end of the eighth week of the last semester in residence.

EARLY DECISION PLAN. Lycoming College has adopted an Early Decision Plan which will permit the Director of Admissions to notify well-qualified candidates at the beginning of their senior year in high school that their admission to the college is assured upon graduation. To be considered under the early decision plan, a candidate must complete application requirements before December 1. Candidates accepted in this category will be notified by December 29 and will be required to pay a \$100 fee.

EARLY NOTIFICATION. Appraisal of an applicant's credentials will be sent (approximately 15 days following written request) to candidates who designate Lycoming as first preference.

Application Procedure

1. Persons desiring to apply for admission should request official forms from the Director of Admissions.
2. The Admissions Office compiles a personal folder for each applicant and the following items must be submitted before a candidate is considered for admission. These items should be received at the college before March 1.
 - a) A completed application for admission and secondary school record.
 - b) A recent photograph (approximately 2" x 3").

- c)* A fee of \$15, which is a processing charge and is not refundable.
- d)* Confidential reports from two persons listed as references in the application.

NOTE: Forms are supplied by the college for items (*a*) and (*d*).

- e)* Scholastic Aptitude Test scores of the College Entrance Examination Board. Results from the test written during the senior year are preferred. Results from the test written during the junior year may be accepted for early decision candidates.

NOTE: It is recommended that candidates who write achievement tests have the results reported.

3. Candidates are invited to visit the campus and to meet with the Director of Admissions or a representative of the Admissions Office. This time provides an opportunity for reviewing the candidate's credential file, discussing plans, and answering questions.

Advanced Standing by Placement

Students entering as freshmen, who have studied an advanced course while in secondary school and have taken the appropriate advanced placement examination of the College Entrance Examination Board, are encouraged to apply for credit and placement. A grade of three or above is generally considered to be satisfactory.

Grades of the examinations and supporting materials are evaluated in deciding whether a candidate is given credit with advanced placement or advanced placement only. Credit given is entered upon the student's record without charge for tuition.

Students may also receive advanced placement by examinations administered at the college during Freshmen Orientation Periods. Examinations at this time may be taken in foreign languages and mathematics.

Advanced Standing by Transfer

Transfer students applying to Lycoming College shall have their records evaluated by the Registrar prior to admission. A transfer student must meet the minimum requirements for normal progress toward the degree, as defined for Lycoming College students, in order to be considered for admission. A transfer student shall have his class status determined by the number of course credit hours in which he was enrolled at the previous institution(s).

If an interview is to be required, a mutually convenient time will be arranged.

Admission to the Summer Session

Students who are candidates for degrees at Lycoming College are eligible to register for the Summer Session.

A student who is a candidate for a degree from another college may

enter the Summer Session upon certification by the dean of that institution that the applicant is an enrolled student and that the courses taken at Lycoming will be accepted for credit if they are passed with certifying grades.

Others applying for admission to the Summer Session may be accepted only upon presentation of official evidence of preparation to meet the regular admissions requirements. An application form is available from the Admissions Office. A summer school brochure will be available upon request during the spring of 1969.

Admission as a Special Student

Lycoming College offers a number of courses in the late afternoon and evening. These are a part of the regular college program and are open to all qualified students. Students who wish to enroll in one or more of these courses must be admitted, through the Admissions Office, as a special student. The course offerings given the eighth (4:00-4:50 p.m.) and ninth (6:30-8:00 p.m.) periods are such that any student may obtain all or nearly all of his A.B., requirements at these times and on a part-time basis.

In addition many advanced courses are given at these times. The courses are well-suited to the elementary and secondary school teacher who needs continuing work, as, for example, to qualify for permanent certification.

Admissions Office

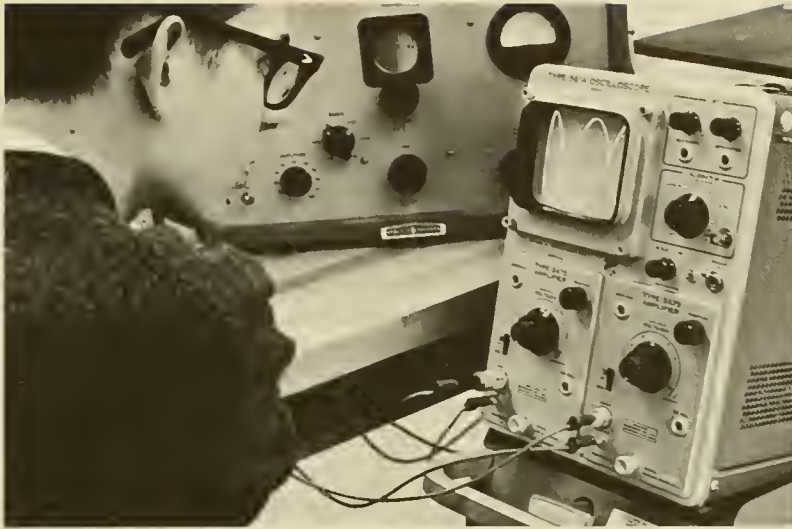
The Admissions Office is located on the campus on the first floor of Long Hall. The office is open Monday through Friday from 9 a.m. to 5 p.m. and on Saturdays from 9 a.m. until noon. During June, July, and August, the office is closed on Saturdays.

Individual interviews may be arranged on weekdays from 10 a.m. until 4 p.m. and on Saturday morning. For an appointment please write or call the Admissions Office. The telephone number is Williamsport 717-326-1951.

Standards

Graduation Requirements

Every degree candidate completes an academic program that consists of 32 unit courses, passing a minimum of 30, at least 24 of which shall have been passed with grades of C or better. The candidate also completes a major that consists of passing at least eight unit courses and passes a written comprehensive examination in that major field.



Additional requirements are:

Two years' credit in Physical Education.

Chapel and Cultural Activities credit for all Freshmen, Sophomores and Juniors enrolled full-time. Yearly attendance requirements are as follows:

	Chapel	Cultural Activities
Freshmen	12	18
Sophomores	8	12
Juniors	4	6
Seniors	0	0

The decreasing attendance requirements do not imply that upperclassmen should attend fewer or no such events but that they have now experienced a wide variety of such lectures and artistic performances and are free to exercise their more mature judgment based on experience as to which and whether they will attend.

Orientation to college for Freshmen.

All financial obligations incurred at the college must be paid.

The final year and at least one other year to be offered for a degree must have been taken at Lycoming College. Requirements for graduation in effect at time of admission shall be met within seven years of continuous enrollment following the date of matriculation.

When, in the case of any student, the need for consideration of exemptions or waivers of specific requirements arises, all such cases are reviewed by the Faculty Committee on Academic Standing.

Grading System

The college uses the traditional letter system of grading: A B C D F. Pass (P) may be used in certain courses.

Academic Honors

The Dean's List is issued at the close of each semester in recognition of superior scholarship. Students are admitted to the Dean's List when they have earned at least two A grades and no grade below B from among three or more unit courses taken in any one semester.

Students may be awarded the *Bachelor of Arts Degree with Honors* only when 24 or more unit courses have been taken at Lycoming College.

Bachelor of Arts, *summa cum laude*—all unit courses shall have been passed with grades of A except two which may have been passed with grades of B or one with a grade of C.

Bachelor of Arts, *magna cum laude*—at least one-half of all unit courses shall have been passed with grades of A, the remainder to have been passed with grades of B or equivalent (one A for every C).

Bachelor of Arts, *cum laude*—at least one-fourth of all unit courses shall have been passed with grades of A, the remainder to have been passed with grades of B or equivalent (one A for every C).

High quality scholarship is also recognized by the election of students to membership in The Sachem, Gold Key, Blue Key, Phi Alpha Theta and Omicron Delta Epsilon.

Academic Standing

Freshmen are admitted to sophomore standing when they have passed a minimum of six unit courses, four with grades of C or better.

Sophomores are admitted to junior standing when they have passed a minimum of fourteen unit courses, ten with grades of C or better.

Juniors are admitted to senior standing when they have passed a minimum of twenty-two unit courses, sixteen with grades of C or better.

When students are not making satisfactory progress, as described above, within the normal eight semesters of college work, their cases are reviewed by the Faculty Committee on Academic Standing. Continuing unsatisfactory progress shall be just cause for dismissal from college.

The college reserves the right to dismiss any student whose grades are excessively low in any one semester. It also reserves the right to dismiss any student when such dismissal is in the best interests of the college.

Class Attendance

The academic program at Lycoming is based upon the assumption that there is value in class attendance for all students. Individual instructors have the privilege of establishing reasonable absence regulations in any given course. Responsibility for learning and observing these regulations rests with the student.

Degree Programs

Lycoming College is basically a college of liberal arts. Its only degree is the Bachelor of Arts and it requires of all of its degree candidates that they have fulfilled certain minimal course requirements in breadth of learning—the distribution requirements—and in depth of learning in a chosen subject matter field—the major.

Instruction at Lycoming College is organized with few exceptions on a departmental basis. Nearly all courses are unit courses, meaning that each course taken by the student is considered to carry the same academic value as any other course. For transfer purposes each course is considered to be equivalent to four semester hours of academic work. This does not mean that all courses will meet for four one-hour lectures each week although many will do so. Rather each course meets on a schedule set by the department and the instructor involved. Such meetings may be on a lecture, discussion, laboratory or tutorial basis. Varying amounts of additional reading, writing, study and research will be required for each course. The number of actual class meetings may vary from two to six or seven per week.

Normally each student will elect four courses each semester, although in unusual circumstances a student may take more or less than this number. One unit course may be elected during each of the four-week summer sessions.

The Major

Except for individuals in the Lycoming Scholar program all students will complete a series of courses in a field of concentration known as the Major. The minimum number of such courses in any case is eight and with one exception the concentration is within a given department of the college. Majors are available in the following departments:

Accounting	Music
Art	Philosophy
Biology	Physics
Business Administration	Political Science
Chemistry	Psychology
Economics	Religion
English	Russian
French	Sociology and Anthropology
German	Spanish
History	Theatre
Mathematics	

In addition one may elect to major in the interdisciplinary Soviet Area Program.

Some courses are offered in subjects in which a major is not available. These courses are normally elective, but in some instances, they may be

used to fulfill supporting or distribution course requirements: Czech, Education, Geology, Greek.

Selection of a major is entirely at the discretion of the student. The choice is governed by such important factors as vocational aims, aptitudes, and interest. Whatever the reason, the student must, by the close of his sophomore year, have selected a major.

Some fields are such that the program of study is highly standardized and most of the major courses are specified while others allow a wide latitude of choice. In any case, however, all major departments offer a series of advanced level courses enabling the serious student to probe more deeply into his field of interest. Specific subjects selected for such advanced studies may be highly diversified, and may take the form of independent study, honors, seminars, or small classes informally organized.

Knowledge in some academic departments may be considerably enhanced by knowledge obtained from another. For example, knowledge of chemistry is unquestionably supported and enhanced by knowledge of fundamental concepts of mathematics. It is for this reason that a student's educational program shall include a number of unit courses from departments other than the major. Some such courses are specified by various departments while others may be elected by the student in consultation with his faculty advisor.

The Distribution Requirements

There are many definitions and many approaches to liberal education. Certainly the liberally educated man will have the breadth of training which will enable him to bring many of the historical and traditional avenues of thought to bear on the problems and questions he finds within the world, his community and himself. His study and learning will emphasize his humanity and should enable him to bring all of the aspects of life into a proper perspective.

In order to aid in accomplishing this end, all liberal arts colleges establish distribution requirements, a set of groups of courses from which the student may choose in order to satisfy the criterion of breadth of learning. Courses that meet these requirements are selected in consultation with the faculty advisor. At Lycoming College each student must meet the following requirements:

FRESHMAN ENGLISH. All students are ordinarily required to pass English 10, Rhetoric, and English 11, Introduction to Literature. Students who have achieved a sufficiently high score in the ETS Advanced Placement Test in English may have the requirements of English 10 and 11 waived.

FOREIGN LANGUAGE OR MATHEMATICS. All students are required to meet a minimum basic requirement in *either* a foreign language *or* mathematics.

Foreign Language. Students electing to take a foreign language may choose from among French, German, Greek, Russian or Spanish. The student is required to pass one year of second or third-year language. Placement at the appropriate course level in the selected language will be determined by the faculty members of the Foreign Language Department. Determination of the appropriate course level is based upon a review of the student's record including high school grades, scores on the College Board Achievement Test, or scores of similar examinations administered by the college.

A prior record of sufficient quality may enable the student to be entered into intermediate or advanced courses in a language. In such cases, only one year (two unit courses) is required. A record of insufficient quality, or the absence of any appropriate language on the high school record will cause the student to be entered into an elementary language course. In such cases, two years (four unit courses) of one language are required.

Mathematics. Students electing the mathematics option will be given a placement test. The student may satisfy this requirement in one of the following ways:

- a) Mathematics 10 and 11.
- b) Any four of Mathematics 1, 2, 3, 4, 5, 8, 9, or Business 23.
- c) Achievement of minimum standards as determined by the Mathematics Department and completion of any two courses named in (b) above *except* Mathematics 1.

RELIGION OR PHILOSOPHY. All students are required to pass one year (two unit courses) in *one* of the following: (a) Philosophy, (b) Religion.

Philosophy. Students electing the philosophy option must take Philosophy 10 and one of the following: 16, 20, 30, 34 or 48.

Religion. Students electing the religion option must take Religion 10 and one other Religion course. This will normally be either Religion 13 or 14, but with the consent of the instructor the student may enroll in other Religion courses.

FINE ARTS. All students are required to pass one year (two unit courses) in *one* of the following:

- a) Art. Normally, any two courses in art will satisfy this requirement.
- b) Literature. Students may elect one year of literature in the English Department from the courses numbered 20 or above, or one year of literature in the Department of Foreign Languages and Literature from the courses numbered 33 or above.
- c) Music. The basic courses in Music Appreciation, Music 10-11, or Music Theory, Music 23-24 will satisfy this requirement.
- d) Theatre. Any two Theatre courses numbered 10 and above will satisfy

this requirement. Courses in basic Speech are not applicable toward meeting the requirement in fine arts.

NATURAL SCIENCE. All students are required to pass one year (two unit courses) in *one* of the following: (a) Biology, (b) Chemistry, (c) Geology, or (d) Physics.

HISTORY AND SOCIAL SCIENCE. All students are required to pass one year (two unit courses) in *one* of the following: (a) Economics, (b) History, (c) Political Science, (d) Psychology or (e) Sociology and Anthropology.

Special Opportunities for Students

The changing nature of American education finds greater emphasis than ever before upon the development of significant opportunities for self-fulfillment among students. Pertinent educational goals demand that every student shall be accorded an opportunity to pursue a program that offers him the best chance to realize his intellectual potential. It is for this reason, that Lycoming has developed a curriculum that allows a maximum flexibility in course selection, especially among those courses that support the major as well as those that effectively meet the requirements of the college's objectives in liberal education. But wide variety in course selection does not always allow as completely individualistic a program as one might wish. Therefore, a variety of special education opportunities is provided.

LYCOMING SCHOLAR PROGRAM. This program is designed to meet the needs of a small number of exceptional students who would profit from a more flexible curriculum than that normally required. The Lycoming Scholar may choose, depending on his background and interests, a program which allows (a) greater specialization or (b) more interdisciplinary work than the regular curriculum permits.

A Lycoming Scholar may be elected in either of two ways:

1. By having been elected in competition with other applicants, prior to enrollment at Lycoming.
2. By being selected by the Lycoming Scholar Council, which administers the program, on the basis of proven performance at Lycoming College. Any student may apply for admission up to the beginning of his junior year, provided he has maintained a grade point average of 3.25 or higher for two consecutive semesters at the time of application. Selection by the council is based on board scores, high school record, college record, faculty recommendations and interviews.

Each Lycoming Scholar will be assigned to a professor by the council. Jointly and with the approval of the Lycoming Scholar Council, they will construct a total college program suited to the needs of the student. In general all curricular requirements, with the exception of English 10 and

successful completion of thirty unit courses, are waived. Lycoming Scholars are permitted to take more or fewer than four unit courses at a time; may substitute, with permission of the instructor, an independent study program for any course; may take independent reading or research courses; and will engage in special seminars conducted by members of the Lycoming Scholar Council in the freshman and senior years.

All Lycoming Scholars must take a comprehensive examination. The student is to elect whether he will take the comprehensive made up by the Lycoming Scholar Council for the Lycoming Scholars or the comprehensive in his major, if he has one.

If the performance of a Lycoming Scholar is unsatisfactory he may be dropped from the program. Such a student will be expected to complete a major if possible and to complete the curricular requirements set by the council.

The student should note that no financial aid is automatically granted any Lycoming Scholar. In addition any Lycoming Scholar who elects five courses in one semester will be charged for the fifth course as would any other student. No aid automatically accrues to any Lycoming Scholar who elects to spend one or more semesters either overseas or at other campuses in the United States. However, all Lycoming Scholars will be given careful consideration when election of one of the special aspects of the program places an additional financial burden on the student and his family. The scholar should consult with the financial aid officer.

INDEPENDENT STUDY. Each department granting a major provides opportunity to students to work independently. Upon consent of the department head, and the instructor, a student may register for courses in Independent Study. Normally, the opportunity for such study is provided for the better qualified major student who has successfully completed the courses making up the core of his major program. Except under unusual circumstances, registration for the studies course is limited to one unit course during each semester. If a student wishes to elect three or more unit courses in Studies in his total college program, approval of the Academic Standing Committee must be secured. Students who are privileged to elect Independent Study in any department register for courses numbered 80-89, Studies, with an appropriate title to be entered upon the student's permanent record.

SEMINAR STUDY. The several departments may from time to time find it possible to organize small classes or seminars for exceptional students interested in subjects or topics not usually a part of departmental course offerings. Establishment of the seminar and admission of students depends upon the approval of the department involved. Occasionally, Visiting Professors, Lecturers, or Specialists in Residence will offer such seminar studies. Students who are privileged to elect Seminar Study in any department register for courses numbered 70-79, Studies, with an appropriate title to be entered upon the student's permanent record. Enrollment in seminar courses is normally limited to ten students.

DEPARTMENTAL HONORS. When a student desires to enter an Honors program and secures departmental approval to apply, a faculty committee shall be convened whose initial responsibility shall be to pass upon the student's eligibility to enter the program. The committee responsibility shall also include the direction of the study, and final evaluation of its worth. The committee shall be composed of two faculty members from the student's major department, one of whom shall be the faculty member under whose immediate supervision the study is performed, and one member from each of two other departments related to the subject matter of the study. Committee members shall be selected from among the faculty members who are personally acquainted with the applicant's abilities. Selection of persons to serve on the committee is made by the chairman of the applicant's major department, after consultation with the chairmen of other departments involved. Usually the Honors program involves independent study in two consecutive unit courses. Students who are privileged to elect Honors register for courses numbered 90-99.

Honors study is expected to result in the completion of a thesis to be defended in a final oral examination. Acceptable theses shall be deposited in the college library. Successful completion of the Honors program will cause the designation of honors in the department to be placed upon the permanent record. In the event that the study is not completed successfully, the student shall be re-registered in Studies and given a final grade for the course.

WASHINGTON SEMESTER. Upon recommendation of the faculty of the Department of Political Science, students may be permitted to attend the American University, Washington, D.C., for a period of one full semester. The Washington Semester program is intended to provide a first-hand acquaintance with various aspects of the nation's capital, as well as an academic experience equivalent to the normal four unit courses. This program is open to selected students who have special interests in political science, law and American government. Ordinarily, only junior students are eligible.

UNITED NATIONS SEMESTER. Upon recommendation of the faculty of the Departments of History or Political Science, students may be permitted to attend Drew University, Madison, New Jersey, for a period of one full semester. The United Nations Semester is intended to provide a first-hand acquaintance with the United Nations, New York City, as well as an academic experience equivalent to the normal four unit courses. This program is open to selected students who have special interests in world history, international relations, law, and politics. Ordinarily, only junior students are eligible.

LONDON SEMESTER. Upon recommendation of the faculty of the Departments of History or Political Science, students may be permitted to attend London University for a period of one semester. This program is operated

by Drew University in conjunction with many other American colleges. It is intended to acquaint the student with the character of one of the principal sources of American law and politics as well as to provide an academic program equivalent to the normal four courses. Ordinarily, only junior students are eligible.

JUNIOR YEAR ABROAD. Under the auspices of approved universities or agencies, a student may be privileged to spend one or two semesters of his junior year in a foreign university. The program has seemed to be especially attractive to students majoring in foreign languages but it is entirely possible for other students to participate. A file on opportunities within the Junior Year Abroad program is available.

Vocational Aims

Courses of study at Lycoming College are designed to fulfill two specific but interrelated purposes. The first is to acquaint the student with the liberal arts heritage of human civilization and the American nation, and the second is to provide him an opportunity to explore from an elementary to an advanced level various fields that may fit him for life's vocation or direct him toward professional or graduate schools. A wide variety of vocations may be entered directly upon graduation. These include positions in business, industry, government, and the professions, including teaching. Students interested in any of these areas are referred to their advisor, to the appropriate departments or to special advisors assigned for each of the areas mentioned above.

Economics and Business

Lycoming College offers course work in the field of business administration particularly designed for training prospective business leaders. The three areas of specialization are business administration, accounting, and economics. Business is a highly diversified occupation; therefore the curriculum is not designed to be vocational or narrowly pre-professional. The purposes of the business administration curriculum are to train and to equip the minds of men and women to recognize and to solve complex problems facing business executives, to develop an appreciation for rigorous analysis, to practice the arts of verbal and written communication, and to expose the developing mind to as wide as possible a range of course work represented by the traditional liberal arts curriculum, to the end that a student becomes truly well educated. Considerable flexibility is permissible within the curriculum and the student is encouraged to pursue course work most reward-

ing to him. Three years of high school mathematics are recommended for preparation. For specific requirements, refer to individual course areas.

Preparation for Dental School

At least three years of pre-dental study are suggested before entry into a college of dentistry. However, many dental schools prefer their students to defer their matriculation in a dental college until they have earned a Bachelor of Arts degree. The pre-dental curriculum is organized around the basic courses in biology, chemistry and physics. Electing a major in one of the natural sciences is the usual procedure. The student should consult the catalog of the college of dentistry to which he expects to apply so that all courses specifically required by that college of dentistry may be included in his program at Lycoming College. The modern practitioner of dentistry is not just a dentist. He is a human being dealing with other human personalities and as such must be conversant in a great variety of human experiences. For this reason, the pre-dental curriculum will be augmented with courses from many areas of academic work. In addition to the science courses, therefore, the pre-dental student will include in his curriculum courses from the fine arts, humanities and social sciences, as well as a foreign language.

Cooperative Curriculum in Engineering

Consistent with increased attention being given nationally to engineering education, Lycoming College offers a cooperative curriculum combining the manifold advantages of a small liberal arts college with the training to be secured at an engineering school. By arrangement with Bucknell University and The Pennsylvania State University, the colleges offer a five-year program in which the first three years are spent at Lycoming and the final two at the engineering school. Upon completion of the first year at the engineering school, the student's record will be sent to Lycoming College. If the work is satisfactory, Lycoming College will award the Bachelor of Arts degree. Upon the completion of the five-year program of studies, a Bachelor of Science in Engineering is awarded by the engineering school. Combined programs offer an opportunity for completion of studies in the following areas: Bucknell University: chemical, civil, electrical, or mechanical engineering; The Pennsylvania State University: aeronautical, civil, electrical, industrial, mechanical or sanitary engineering.

Prescribed work at Lycoming includes, in addition to the degree requirements outlined above, courses in chemistry, mathematics and physics. Because the demands of the engineering curricula may differ somewhat, a program of studies at Lycoming College will be designed for each student when his plans as to type of engineering program preferred have been finally fixed. A member of the teaching staff in the physical sciences will aid each cooperative engineering student in planning his program.

Cooperative Curriculum in Forestry

Lycoming College offers a program for forestry students which combines a strong liberal arts background with professional training in forestry at the Duke School of Forestry, Duke University, Durham, North Carolina.

The program as established is of five years' duration. A student electing to pursue this program of study will spend three years at Lycoming where he will meet the liberal arts degree requirements, including such subjects as English, a foreign language, biology, chemistry, physics, mathematics and economics.

Upon satisfactory completion of these three years' work at Lycoming College, the student will apply for admission to the Duke School of Forestry for one summer and two years of training in forestry. At the end of his first year at Duke, his record will be sent to Lycoming College. If the work is satisfactory for this fourth year in college, Lycoming will award the Bachelor of Arts degree. Upon the satisfactory completion of the second year in forestry school, the professional degree, Master of Forestry, will be awarded by Duke University.

Preparation for Law School

Many colleges of law require a Bachelor of Arts degree for admission. The four-year degree program in pre-law at Lycoming College provides a background for the prospective student of law. Requirements include courses in political science and history, but also specified is a wide range of subject matter designed to acquaint the student with the vast scope of human experience. Students may expect to major in economics, history, political science, or related fields as they prepare for matriculation in law school. Individual programs are tailored to fit the student's needs as well as to meet the specific requirements of the law school to which he applies for admission.

Preparation for Medical College

This curriculum is organized around a solid foundation of the basic courses in biology, chemistry and physics. Pre-medical students usually major in one of the natural sciences. The student should be aware of the specific pre-medical course requirements demanded by the medical college to which he will apply so that all such requirements can be fitted properly into his curriculum at Lycoming College. Consistent with suggestions of the medical colleges, a wide range of subject matter from the humanities, social sciences and fine arts is also to be included in the curriculum. Some students may matriculate in a college of medicine after three years of pre-medical work, but the more normal procedure is to elect four years of pre-medical study and enter the medical college with a Bachelor of Arts degree.

Medical Technology

This curriculum is organized around an academic background of basic science courses in addition to those liberal arts courses listed as requirements for the Bachelor of Arts degree. Three unit courses in biology are required as well as one of mathematics. In chemistry, General Chemistry and one other course are required. Three or four years are spent in obtaining this academic background; the final year is spent in the medical laboratories of an approved hospital. This will consist of an internship of a full calendar year at a hospital accredited in the Registry of Medical Technologists of the American Society of Clinical Pathologists. The college will give credit for the year when it is informed that the student has successfully passed the examinations given by the Registry of Medical Technologists of the American Society of Clinical Pathologists. An official transcript of studies completed at the hospital must also be submitted by the candidate. Lycoming College has a formal affiliation with Williamsport Hospital, Divine Providence Hospital in Williamsport and Robert Packer Hospital in Sayre, Pennsylvania.

Religion and Religious Education

Any student desiring extensive study in biblical history and literature, the historical development of Christianity, and Christian doctrine, may major in religion. A qualified student planning to enter the vocation of religious education should, besides majoring in religion, elect five or six unit courses in prescribed psychology, education, sociology, and church music. This program of study, completely within the liberal arts curriculum, is to qualify graduates for work as Educational Assistants, or after graduate study in a theological seminary, as Directors of Christian Education. Interested or prospective students are invited to contact Mr. Neuffer of the Department of Religion for further information concerning the opportunities, responsibilities and requirements of these and other church vocations.

Soviet Area Studies Program

Interest in Russian history, government, culture, and foreign relations is so important that Lycoming College offers special opportunity for those students desiring to specialize in study of such subjects. This curriculum permits one to select courses stressing Russian experience in a variety of fields and combine them with four years of Russian language study to form a satisfactory graduate major.

Preparation for Theological Seminary

(Christian Ministry)

Young men and women called to the Christian ministry or related vocations will find the pre-ministerial curriculum at Lycoming College an excit-

ing and challenging opportunity. Basic courses specified by the American Association of Theological Schools are virtually identical with the program of courses required for a Bachelor of Arts degree at Lycoming College. Such courses offer a wide range of subject matter presenting many opportunities for the pre-ministerial student to acquaint himself with the broad scope of human experience. Preparation for seminary includes earning a Bachelor of Arts degree with a major in one of a variety of fields such as religion, English, history, and philosophy. So that every student may have a curriculum designed to fit his individual needs, the offerings in the junior and senior year are largely elective. However, the choice of electives will depend upon the specific requirements of the theological school in which the student expects to matriculate.

Teacher Education

Lycoming College trains teachers for both elementary and secondary education. The program is clearly identified with the liberal arts nature of the college, and hence, no candidate for the profession of teaching is considered apart from the total liberal arts objective. Teacher education candidates meet all general course requirements of the college including a major in a subject matter field.





FINANCIAL INFORMATION

Expenses

General Expenses

In considering the expenses of college, it is well to bear in mind that no student actually pays the full cost of his education. State colleges are enabled to keep the cost of tuition within reasonable limits by grants from the public treasury; independent colleges achieve this by voluntary contributions supplemented by income from their invested endowment funds. At Lycoming College, the tuition fee which each student pays represents only a portion of the total instruction cost. Tuition is kept at the lowest possible level consistent with adequate facilities and competent instruction.

Tuition at Lycoming is \$875.00 per semester, plus certain fees which are listed on the following pages. The room expense for boarding students amounts to \$225.00 per semester except for men living in the Fraternity Residence, who are assessed an additional \$25.00. Board is \$250.00 per semester (the academic year comprises two semesters of approximately sixteen weeks each). If, for justifiable reason, it is impossible for a student to eat in the College Dining Room, permission may be given the student to make other arrangements for meals. However, in the event such permission is granted, the room cost will be 50% higher than the above rates. If a student requests the use of a double room as a single room and the room is available, he will be charged 50% more than regular rates.

The tuition charged covers the regular or prescribed course of study which normally comprises four subjects. Additional detailed information will be furnished by the Treasurer's Office upon request.

Application Fee and Deposit

All students applying for admission are required to send an application fee of \$15.00 with the application. This charge is to partially defray the cost of processing the application and maintaining academic records and is non-refundable.

After a student is notified that he has been accepted for admission by the college, he is required to make a deposit of \$100.00. This deposit is evidence of the applicant's good intention to matriculate and is applicable to the general charges of the final semester; it is not an extra fee. This deposit is not refundable.

Books and Supplies

A modern book and supply store is conveniently located in the Wertz Student Center. Books and supplies are purchased by the individual student. The estimated cost is approximately \$75.00 per year, but will vary somewhat in accordance with the course of study which the student is pursuing. The bookstore is open registration day and daily thereafter.

Expenses in Detail per Semester

RESIDENT STUDENTS

	<i>Per Semester</i>
Comprehensive Fee	\$ 875.00
Room	225.00
Board	250.00
<hr/>	
Basic cost per semester	\$1350.00

NON-RESIDENT STUDENTS

Comprehensive Fee	\$ 875.00
<hr/>	
Basic cost per semester	\$ 875.00

SPECIAL CHARGES

Laboratory Supplies per Semester: Natural Sciences	\$10.00 to \$30.00
Organ Practice	10.00
Piano Practice	5.00
Practice Teaching	80.00
Late Registration Fee	5.00
Change of Schedule Fee	2.00
Special Examination Fee	5.00
Diploma	10.00
Transcript Fee (no charge for first transcript)	1.00
Caps and Gowns (rental at prevailing cost)	
The college reserves the right to adjust charges at any time.	

Payment of Fees

The basic fees for the semester are due and payable on or before registration day for that semester. Checks or money orders should be payable to Lycoming College.

Charges for laboratory supplies and additional credit hours will be billed and payable immediately following each registration period.

Partial Payments

For the convenience of those who find it impossible to follow the schedule of payments as listed, arrangements may be made with the College Treasurer for the monthly payment of college fees through various educational plans. Additional information concerning partial payments may be obtained from the Treasurer or Director of Admissions.

Withdrawals and Refunds

The date on which the Dean of the College approves the student's withdrawal sheet is considered the official date of withdrawal. In the case of minors, the approval of the parent or guardian is required before the withdrawal is approved and before any refund is made.

Room rentals have been fixed on a semester basis. Consequently, students leaving college prior to the ending of a semester will not be entitled to any refund of room rent.

Refund of tuition and board will be made to students who withdraw voluntarily from the college while in good standing and is fixed on the following basis: Students leaving during the first four-week period are charged 30%; during the second four weeks, 60%; during the third four weeks, 90%; after twelve weeks, full charge.

Dropping a unit course from the original schedule after the first week of either semester will not justify any claim for refund of tuition charges. No refund will be made to those students who are asked to withdraw from the college.

Other fees cannot be refunded for any reason whatever.

Penalty for Non-Payment of Fees

A student will not be registered for courses in a new semester if his account for previous attendance has not been settled.

No grades will be issued, no diploma, transcript of credits, or certification of withdrawal in good standing will be granted to any student until a satisfactory settlement of all obligations has been made.

Damage Charges

Wherever possible, damage to dormitory property will be charged to the person or persons directly responsible. Damage and breakage occurring in a room will be the responsibility of students occupying the room.

Halls and bathroom damage will be the responsibility of all students of the section where damage occurs. Actual costs of repairs will be charged.

Financial Aid

A generous program of financial aid for students is designed to recognize outstanding achievement and to supplement limited resources by providing assistance to students in their efforts to obtain a college education. This assistance may take any one, or any combination, of the following forms: (1) Scholarships, (2) Grants-in-aid, (3) Educational Opportunity Grants, (4) Loans, (5) Workshops, (6) Work-Study Grants.

The establishment of need is the controlling factor in determining the amount of the grant or award. To this end, Lycoming uses the College Scholarship Service sponsored by the College Entrance Examination Board. Prescribed forms are furnished by the college upon request.

Scholarships are awarded to the beginning student on the basis of academic achievement as evidenced by the scores on the College Entrance Examination Board tests and a ranking in the first fifth of the high school class. To continue receiving the award during succeeding years, a superior academic standard must be maintained together with satisfactory campus citizenship.

Lycoming offers a limited number of Lycoming Fellowships to outstanding students on a competitive basis. Candidates should be in the top tenth of their high school class and have verbal and quantitative College Entrance Examination Board scores above 600. Examinations and interviews are held on the campus on two occasions in December and February. Successful candidates will be awarded grants ranging up to full tuition, depending on need, for their four years at Lycoming College. In addition they are eligible to join the Lycoming Scholar Program (page 16).

Grants-in-aid are awarded annually to students on the basis of a demonstrated need. The size of the grant is determined by need and by the promise of becoming beneficial members of the college community and of society. Consideration may be given to families with more than one student at the college.

Ministerial Grants-in-Aid: Financial assistance is available through grants from The United Methodist Church to children of ministers and ministerial students.

Educational Opportunity Grants are given to students with exceptional financial need who are in good academic standing. These are available under the Higher Education Act of 1965.

Loans: Student loans are available from a variety of sources. Details may be obtained from the Director of Student Aid upon request.

Workshops: Financial assistance is made available to a limited number of

students annually in both the college and the city by means of gainful employment. Workshops are generally not available for freshmen.

Work-Study Grants are allocated to students in academic good standing who come from low income families. These federal grants are available under the Higher Education Act of 1965.





CAMPUS LIFE

Religious Life

Lycoming College provides the opportunity for a student to mature in his religious beliefs. Opportunities to participate in the religious life of the campus are available:

through the Director of Religious Activities, who is a member of the faculty with teaching responsibilities. He is responsible for co-ordinating the religious activities of the college and provides counseling in the area of religion to students who request his assistance. He serves as Executive Secretary to the Religious Life Council.

through the Religious Life Council, the student organization which co-ordinates religious groups on the campus. It is composed of representatives from all student religious organizations, student government, faculty, administration, and the local clergy. Throughout the year it plans campus-wide discussions, forums, lectures, etc., with the aim of helping persons discover meaning in life. It also sponsors the Ragged Edge, the campus coffee house.

through religious organizations which include the Methodist Student Movement (meeting weekly at the College Church, Pine Street United Methodist Church, located at the intersection of Pine Street and Edwin Street). Other denominational groups include the Canterbury Club (Episcopal), the Presbyterian Fellowship, the Lutheran Student Association, the Roger Williams Club (Baptist), and the United Campus Christian Fellowship. (In addition to the denominational groups Dialogue is a group of students who are organized to promote discussion between religion and other academic fields and to cultivate fellowship among those for whom religion is a concern, regardless of affiliation.)

Student Activities

Lycoming College accepts the responsibility of making every situation in which learning occurs constructive and positive. The college believes that learning is a continuous process that takes place not only in the classroom, but also in every college activity.

The college assumes its responsibility in this area by directing the extra-curricular educational experiences of the students in such a way that these

activities contribute to the achievement of the objectives of the college, by complementing the academic life of the campus.

The college considers one of its responsibilities to be the encouragement of as many different activities as are necessary to provide all students with the opportunity to participate constructively in this area of student life. Departmental clubs; athletics, both intercollegiate and intramural; varied interest groups such as denominational clubs, the choir, the band, etc.; social organizations; social activities; self-governing groups; and many informal associations are equally important in a well-integrated program of student activities.

Recognizing the need for skilled leadership in our world, the college aims to utilize students in as many of the leadership positions as possible. In doing so, it will give students the opportunity to accept greater responsibilities, and to learn as they participate.

Student Government

Self-government by students in certain areas of campus life is an objective achieved through the Student Government Association of Lycoming College. The Student Council is the legislative body of the Association. The officers of the Student Government Association are elected from the entire student body. Members of Student Council are elected by classes and certain other organizations.

The Student Council has been delegated authority for certain areas of campus life. The establishment of parking regulations and their enforcement is one of the responsibilities of Student Government. Students are employed by Student Council to serve as enforcement officers. All fines collected for violations are turned over to Student Council to pay for the costs of the registration of automobiles and the enforcement officers.

A Student Court has been established by Student Council to hear cases involving the violation of the parking regulations. This court is also empowered to consider cases referred to it by the Student Union Court or to hear cases on appeal from the Student Union Court.

The Student Court is composed of four students appointed by the President of the Student Council with the approval of the Council and the Dean of Student Services.

A number of standing committees of Student Council are concerned with specific areas of student life. The Social Calendar-Concessions Committee is responsible for approving the scheduling of all social activities by student organizations, and awards concessions to student groups for "fund-raising" purposes upon request. The Dining Room Committee advises the manager in menu planning and other areas of concern.

Homecoming and Spring Weekend are major social activities under the sponsorship of Student Council. Each of these weekends features a major concert or dance along with a full program of activities, which is financed by a social fee of \$6.00 per semester for all students.

Other governing groups on the campus are the Inter-Fraternity Council, the Men's Dormitory Council, the Women's Dormitory Council, and the Associated Women Students. Each operates under limited authority in situations related to its specific area.

Social and Cultural Influences

Lycoming gives its students every possible opportunity to become familiar with the best social customs and usages. The development of poise and ease in handling oneself in social situations is an objective in the program of the college. These experiences are provided through the dining room, coffees and receptions, and other social functions.

The Artist and Lecture Series presents several performances of the best obtainable talent in music, drama, the dance, and the lecture. The series is presented to provide wider cultural experiences than might normally be available to the student. Although the series is entertaining, its prime objective is to acquaint the student with the arts and the humanities as they are performed on a professional level.

Student Union

The Student Union of Lycoming College is a unique organization. It is operated by a Board of Students who are selected for membership after they have served at least a year in the apprentice program. Its services to the campus include poster-making, publicity, and a travel board. The Student Union Board is responsible for the entire Student Union Program. It sponsors dances, lectures, picnics, tours, concerts, intercollegiate mixers, films, tournaments, recreational activities, bridge, skiing, life-saving courses, and coffee hours, and provides an informal place for students to gather.

Programs presented in the past include Ogden Nash, Carey McWilliams, The Riverside Chamber Singers, the New York Baroque Ensemble, and numerous other lecturers and performers.

A laboratory for learning, the Lycoming Student Union offers students a real opportunity to learn while serving the campus.

College Publications and Communications

There are several official college publications. Each is devoted to a specific area of college life, and is designed to communicate to selected groups of the college community.

The Bell, official student newspaper, is published weekly and is devoted to interests of the student body, reporting current campus events.

The Arrow, college yearbook, is published in August and presents a record of student life during the current academic year.



The Lycoming Review, a student literary magazine, is published twice a year and provides an outlet for the creative writing produced on the Lycoming campus.

The Guidepost, published annually by Student Government, is a student handbook of regulations and miscellaneous information. It is designed primarily for new students and is distributed to them prior to their arrival on the campus.

The Alumni Bulletin is published by the Alumni Office four times yearly. It is designed to keep the alumni informed of current happenings at the college and on alumni activities. *The Newsletter* is published periodically between issues of the Bulletin.

The President's Report, an annual review of college operations to the Board of Directors, is distributed to all alumni and parents.

The Student Bulletin and *The Faculty Bulletin* are published weekly by the office of the Dean of the College.

The Lycoming Library Student Handbook is published by the library every September.

The Campus Radio Station, WLCR, broadcasts nightly from 5:00 p.m. until midnight on a wired circuit to all residence halls. The station broadcasts music, news commentary, sports results, and special programs of interest to the student body.

The Pennsylvania Folklore Society

In 1961 Lycoming College became official headquarters of the Pennsylvania Folklore Society, a scholarly organization founded in 1920 for the purpose of collecting, preserving, and disseminating knowledge about Pennsylvania folklore. The college and the society publish jointly a quarterly journal, the *Keystone Folklore Quarterly*, which is sent to individual and institutional subscribers throughout the United States and Canada.

Campus Clubs and Organizations

A variety of organizations on the campus provide opportunities for social and intellectual growth. These groups are organized and conducted by students in cooperation with faculty sponsors or advisors.

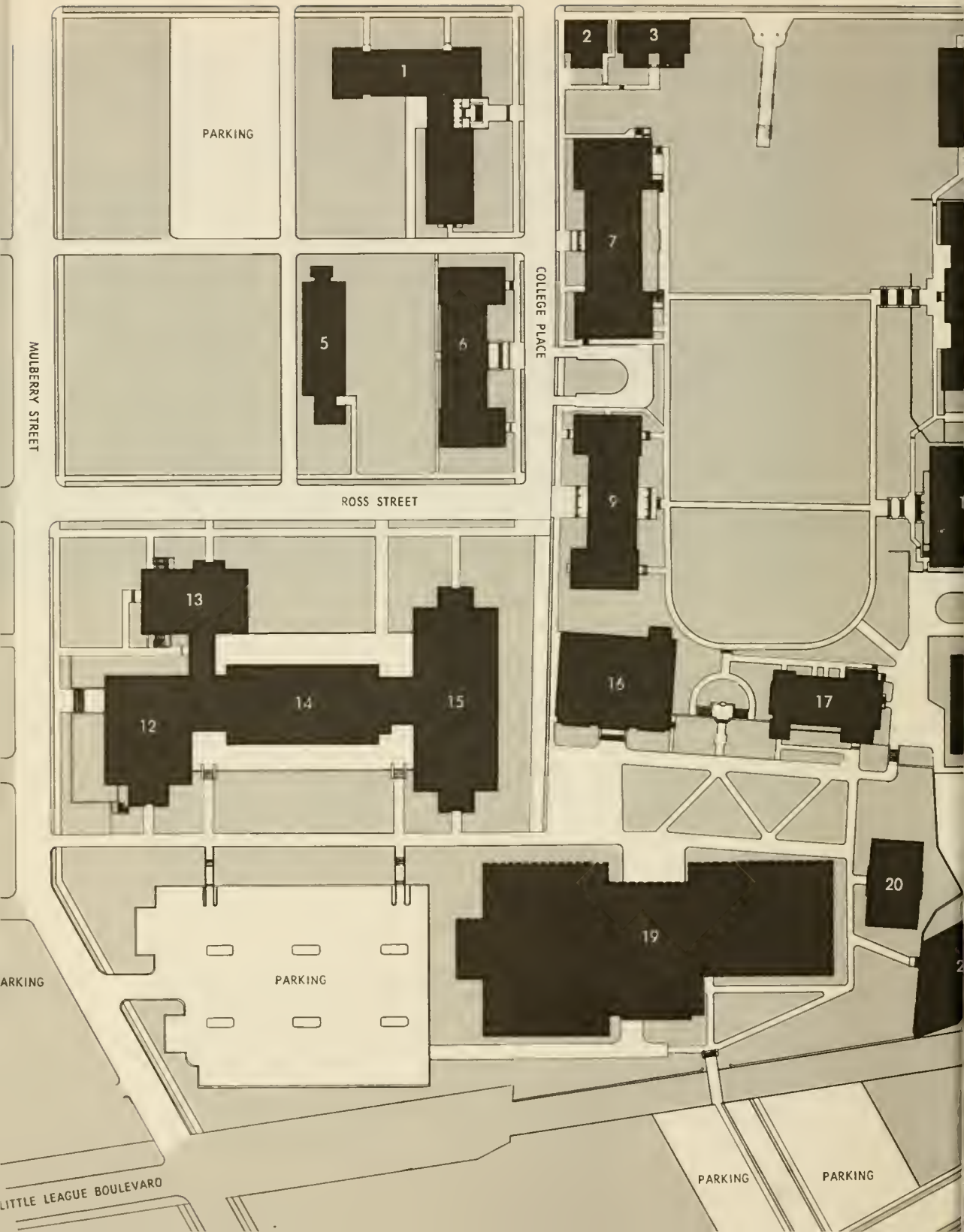
Some of the groups are: the Student P.S.E.A.-N.E.A., which gives prospective teachers current information on the teaching field and an insight into the problems of education; The Lycoming College Theatre, which stages a variety of dramatic productions including original work; The Varsity Club, composed of lettermen, which promotes college spirit in sports; the Business Club for students majoring in business administration; the French, German, Russian and Spanish Clubs, which study the language and the life and culture of the countries; the Model United Nations Society, the Practical Politics Society, political clubs, and the Associated Women Students, which sponsors parties and teas for student, faculty, and parents.

Musical organizations at Lycoming offer to singers and instrumentalists alike a fine opportunity to learn by doing. There are several choral groups and instrumental ensembles offering every able student the chance to participate both on the campus and on tour.

Fraternities

Six Greek letter fraternities on the campus provide a means of bringing to men students the advantages of national fraternal organizations as well as group housing. They include the Psi Chapter of Kappa Delta Rho, Beta Lambda Chapter of Sigma Pi, Iota Beta Zeta Chapter of Lambda Chi Alpha, Epsilon Beta Chapter of Theta Chi, and Gamma Rho Chapter of Alpha Sigma Phi, and a colony of Tau Kappa Epsilon.

The Inter-Fraternity Council coordinates the activities of the fraternities.





LEGEND TO CAMPUS MAP

1. North Hall
2. Art Center
3. Fine Arts Building
4. Fraternity Residence Hall
5. Women's Dormitory
6. Crever Hall
7. Wertz Student Center
8. Wesley Hall
9. Rich Hall
10. John W. Long Hall
11. Asbury Hall
12. Laboratories and Arena Theatre
13. Faculty Office Building
14. Wendle Hall
15. Library
16. Gymnasium
17. Clarke Chapel
18. Skeath Hall
19. Proposed Physical Education Building
20. Bradley Hall
21. Science Building
22. Maintenance Building



College Honors

The Chieftain Award

The Chieftain Award is given to that senior who, in the opinion of the students and faculty, has contributed the most to Lycoming College through support of school activities; who has exhibited outstanding constructive leadership qualities; who has worked efficiently and effectively with the members of the college community; who has evidenced a good moral code; and whose academic rank is in the upper half of his class.

The Sachem

The Sachem is an active society of superior junior and senior scholars. Its membership is limited to students who have completed at least four full semesters of academic work at Lycoming College. Election to membership is held annually in September by the members of the society and its faculty advisors. Newly elected members are chosen from among the top-ranking 3% of the junior class and 6% of the senior class.

Gold Key and Blue Key

Gold Key and *Blue Key* are freshman scholastic honor societies for women and men respectively. Election to these societies is dependent upon the student's being nominated to the Dean's List during the first semester of the freshman year. Under certain conditions, second semester freshmen and sophomores are also eligible for election.

Phi Alpha Theta

This national honorary society is for those students interested in history. To be eligible, students must have completed a minimum of four unit courses in history with grades averaging above B.

In addition, a student must have achieved a grade of B or better in two-thirds of his remaining academic courses. The local chapter is Zeta Zeta.

Omicron Delta Epsilon

Juniors and seniors making the study of economics one of their major interests are eligible for membership in this national honor society. Qualifications include an average grade of better than B in a minimum of three unit courses in economics and an overall average of at least a B for all college courses. The local chapter is Mu.

Iruska Honor Society

No more than seven juniors are selected annually for membership in Iruska, which honors juniors active in extracurricular activities who best represent the spirit of campus leadership at Lycoming College, and whose academic rank is in the upper half of their class.

Who's Who in American Colleges and Universities

The students elect members to *Who's Who*. The senior members are honored by having their names appear in the annual issue of the national publication, *Who's Who among Students in American Colleges and Universities*. Election is on the basis of academic rank in the upper half of the class, personal character, service to the college, and outstanding leadership in extracurricular activities.

Facilities

The facilities at Lycoming College are excellent. The majority of the buildings and all the dormitories have been erected since World War II. The college has followed a Georgian Colonial style of architecture in its postwar development with the exception of the Academic Center.

Academic

THE ACADEMIC CENTER: A broad complex of instructional facilities, the Academic Center, completed in 1968, houses classrooms, laboratories, faculty offices, library, planetarium, and theatre. The library has a capacity of 250,000 volumes and can accommodate as many as 700 students in a variety of study and reading situations. On the basement level it contains a computer center and an audio-visual center. Wendle Hall, the classroom unit, is entered through Pennington Lounge, a spacious first-floor lounge which serves as an informal meeting place for students and faculty. Psychology laboratories are located in the basement of this section. There are 20 classrooms on the second and third floors. A third unit contains a diversified group of educational and cultural facilities serving both the College and the community. Located here are the Arena Theatre, a 204-seat theatre featuring a thrust-type stage, and the Detwiler Planetarium. Language, mathematics, and physics laboratories and the 90-seat Alumni Lecture Hall are located on the second and third floors. A faculty office unit contains 69 single-occupancy faculty offices as well as seminar rooms

in the core area of the upper floors and a lecture hall on the ground floor with a seating capacity of 725.

THE ART CENTER: The President's residence for 25 years, it was converted in 1965. It contains studios and a gallery area for students enrolled in the art curriculum.

BRADLEY HALL: Completed in 1895 and named in honor of the Hon. Thomas Bradley of Philadelphia, it housed the library of the college for many years.

THE FINE ARTS BUILDING: Converted from a residential home, this building contains the studios and individual practice rooms for the students enrolled in the music curriculum.

THE SCIENCE BUILDING: Completed in 1957, it is exclusively devoted to scientific studies in the fields of chemistry and biology. Lecture rooms, laboratories, along with appropriate faculty offices are located in the Science Building.

Administrative

JOHN W. LONG HALL: Named in honor of the late Rev. Dr. John W. Long, President of the Institution from 1921 to 1955, it was officially opened in October, 1951. Long Hall is the administration center of the College, containing the offices of the President, Dean of the College, Dean of Student Services, Dean of Women, Treasurer, Registrar, Director of Admissions, Director of Public Relations, Director of Alumni Affairs, and Director of Publications. A reception area and a central communications system are located on the main floor. A center for duplicating and bulk mail services is located on the ground floor. The Conner Memorial Chapel named in honor of Benjamin Conner, president of the Institution from 1912-1921, is also on that level.

EVELAND HALL: Completed in 1912 and at one time the preministerial dormitory, it was named in honor of Bishop W. P. Eveland, President of Williamsport Dickinson Seminary from 1905 to 1912. No longer used for residential purposes, Eveland Hall for many years housed the Civil War Museum and faculty offices.

Chapel

Clarke Chapel was built in 1939 with funds willed to the college by Miss Martha B. Clarke, a benefactor interested in Christian Education. Worship services and other events are held in the main floor auditorium and classes are conducted in its lower level.

Recreational

D. FREDERICK WERTZ STUDENT CENTER: The student center, completed in 1959, contains the dining facilities, Burehfield Lounge, a recreation area, game room, music room, book store and post office. The Board Room and offices of various student organizations are on the second floor.

GYMNASIUM: This is the athletic center of the college, housing basketball, and other courts, swimming pool, bowling alleys, and the administrative offices of the Physical Education Department. Begun in 1923, the present plant will soon be supplemented by new facilities.

Residential

RICH HALL: Named in honor of the Rich family of Woolrich, Pennsylvania, this residence currently accommodates 126 women. The college infirmary and the Sara J. Walter lounge for non-resident women are located on the ground floor. Completed in 1948, it marked the first step in the post-war expansion of the college.

CREVER HALL: Named in honor of the Rev. Benjamin H. Crever who was instrumental in persuading the Baltimore Conference to purchase this Institution from the Town Council of Williamsport in 1848. He is considered the college's founder and served as its first financial agent. Crever Hall was completed in 1962 and accommodates 126 women and a head resident.

NORTH HALL: Completed in 1965, the largest women's dormitory accommodates 146 students in two-room suites with bath.

NEW RESIDENCE HALL FOR WOMEN: Completed in 1968, this hall provides rooms for 92 women students in two-room suites with bath.

WESLEY HALL: The oldest men's residence currently in use was completed in 1956. It accommodates 144 students and includes lounges and a recreation area. This building was named in honor of the founder of Methodism.

ASBURY HALL: Named in honor of Francis Asbury, the Father of The United Methodist Church in America. Bishop Asbury, the best known of the early circuit riders, made his way through the upper "Susquehanna District" in 1812, the same year the Williamsport Academy, now Lycoming College, opened its doors as an educational institution. Completed in 1962, this residence accommodates 154 men.

FRATERNITY RESIDENCE: Also completed in 1962, this building houses five chapters of the national fraternities. The fraternity units are distinct

and self-contained and provide, in addition to dormitory facilities for the brothers, lounges and chapter rooms for each group. The fraternities share a large social area on the ground floor.

SKEATH HALL: Named in honor of J. Milton Skeath, faculty member and four-time dean of the institution from 1921 to 1967. Dr. Skeath retired in 1967 as Professor of Psychology Emeritus. The largest dormitory on campus, it was completed in 1965 and accommodates 184 men.



Programs and Rules

Orientation

The orientation program at Lycoming College is designed to help the student entering college for the first time to start this new adventure under the most favorable circumstances. An entirely new concept of courses, class scheduling, and methods of instruction must be assimilated. Adjustments to this new experience are important.

In order to prepare for the beginning of this experience, Lycoming schedules six to eight orientation sessions each lasting two and one half days during the summer. Each new student is required to attend one of these sessions accompanied by at least one parent.

The summer program makes it possible to schedule ample time for academic advisement, placement testing, library orientation, and registration. The college is able to work more satisfactorily with new students in planning programs of study tailored to each student's vocational and academic interests. Each new student completes all preliminaries, including registration, during the summer orientation period. Textbooks are available for purchase and perusal prior to the opening of classes in the fall.

Information regarding the dates of orientation sessions, a typical schedule and a pre-registration form are mailed to each new student admitted to Lycoming College.

Intercollegiate Sports

The college offers an attractive program of intercollegiate athletics and encourages wide participation by its students. It is a member of the National Collegiate Athletic Association, the Eastern Collegiate Athletic Conference and the Northern Division of the Middle Atlantic Conference. Lycoming annually meets some of the top-ranking small college teams in the East in athletic competition. Contests are scheduled with other colleges in football, soccer, basketball, wrestling, swimming, baseball, tennis, golf, and track.

Intramural Athletics

An extensive and diversified program of intramural athletic competition affords opportunity for every student to participate in one or more sports of his own choosing.

Sports for men include touch football, basketball, volleyball, bowling, badminton, table tennis, tennis, softball, golf, wrestling, swimming, horse-shoes, track and field.

Sports for women include competition in basketball, volleyball, bowling, badminton, table tennis, tennis, softball, swimming, field hockey, and

archery. Field days are arranged with WAA groups of other colleges and universities during the school year.

Academic Counseling

An advantage of a small college is the rich experience gained by the close association of students and faculty. The counseling program at Lycoming enables students to discuss various academic problems with their instructors, the Dean of the College, and the Dean of Student Services.

As an entering Freshman, the student is assigned to a faculty adviser who meets with him as needed during the year. The Freshman finds his adviser willing to guide and assist in the many problems that confront a new college student.

Psychological Services

The college provides a program of psychological services under the direction of a qualified clinical psychologist.

The Psychological Services Center provides limited diagnostic and psychotherapeutic services, without charge, to all students desiring help in the solution of emotional and behavioral problems. Under certain circumstances psychological testing is offered. Any student member of the college community desiring either psychological counseling or an informal consultation may use the services of the clinic.

Study Skills Center

A series of study skills sessions are scheduled as the need arises under professional direction. Groups of six to ten students are enrolled for a series of six to ten hours in each session. They include sessions on reading skills, test-taking, note-taking, psychological blocks to studying, etc.

Placement Services

The Placement Office, located on first floor of Long Hall, assists the student in each of the following areas:

1. Securing part-time employment on the campus and in the community
2. Providing information about graduate school programs, scholarships, and assistantships
3. Offering information on vocational opportunities, employer literature, job interviews, government service, and other data helpful to seniors
4. Providing information about summer job opportunities
5. The college maintains an active teacher placement service for each education graduate. Each year many districts send representatives to

the campus to interview prospective elementary and secondary teachers. Over 3500 positions in the eastern states are listed yearly in the Education Office.

By providing on-campus interviews with selected employers recruiting on college campuses and by sending student credentials to prospective employers, the Placement Office opens broader vocational opportunities to graduates seeking employment.

Provisions for Veterans

Lycoming is fully approved for the educational program for veterans under Federal Public Laws 550, 634, and 894.

Residence

Single students who do not reside at home are required to live in the college residence halls and eat their meals in the college dining room. Special diets cannot be provided. Some senior students are permitted to live off campus when there is a shortage of space in the residence halls. Exceptions to these regulations can be approved only for the purpose of working for room and/or board or living with relatives. Requests for exceptions must be submitted in writing to the Dean of Student Services or the Dean of Women. The petition must include the name of the householder and the address where the student wishes to live.

Members and pledges of social fraternities are required to live in the Fraternity Residence when space is available. All fraternity members eat their meals in the college dining room.

Residents furnish their own linens, towels, blankets, bedspreads, and wastebaskets. Draperies are provided in all womens' residences.

Linens, towels, and blankets may be rented from the Merit Laundry & Dry Cleaning Co. Information is sent to all resident students concerning this service following their assignment to a room.

Women's Residence

Resident women students live in Rich Hall, Crever Hall, North Hall, or the new dormitory for women. Rooms are arranged in suites of two rooms with two or three students living in each room. Each suite has private bath facilities.

Located in Rich Hall are the infirmary, recreation room and television room. Laundry facilities are located in all women's dormitories. Lounges and the office for the Head Resident are located on the first floor of each residence hall.

All resident women students are members of the Resident Women's Association of Lycoming College. They establish standards and regulations for community living and endeavor to assist each new student in her ad-

justment to living in a college dormitory. All dormitory activities are under the supervision of the Dean of Women.

Men's Residence

Resident men live in Wesley Hall, Asbury Hall, Skeath Hall and the Fraternity Residence. Upperclassmen have priority in assignment of rooms. Rooms for freshmen are assigned according to the date the reservation fee of \$100.00 is paid following notification of admission.

All rooms are for double occupancy. Rooms are furnished with a single bed, pillow, desk, desk chair, and a dresser for each occupant. The furniture is built into the room, and a light is provided over the desk. Window shades are provided in all rooms. It is advisable to wait until after arriving on the campus to purchase draperies and bedspreads.

Standards of Conduct

The college expects all of its students to accept the responsibility required of citizens in a free democratic society. The rules and regulations of the college are designed to protect the rights of every member of the community against encroachment by individuals. The limitations which are imposed upon the activities of individuals are established for the common good of the entire college community.

Students who are unable to demonstrate that they can accept this responsibility or are antagonistic to the spirit and general purpose of the college, or fail to abide by the regulations established by the college may be dismissed or requested to leave the college at any time. In addition to the regulations published here, specific rules are furnished each student upon matriculation.

The consumption or possession of alcoholic beverages on campus or at any college function is prohibited. Detailed regulations consistent with the laws of the Commonwealth of Pennsylvania are published in the *Guidepost*.

Lycoming College does not tolerate the illegal use of drugs by its students. Any student who possesses or uses drugs illegally as defined by the Pennsylvania Drug Device and Cosmetic Act, No. 1664 and its amendments or by the appropriate Federal Government agencies *shall* be dismissed from the college. A student who is dismissed from the college may apply for re-admission after one year when satisfactory evidence is available that the student is able to resume classes without a physical or psychological dependency upon illegal drugs of any nature, either addictive or non-addictive. The illegal provision of drugs by a student to others, either by sale or gift, *shall* result in the expulsion of the student from the college, and no opportunity for re-admission shall be possible.

It is assumed that a willingness to accept these restrictions is implicit in the acceptance of membership in the Lycoming College community.

Gambling, cheating and stealing are totally inconsistent with Lycoming standards. Students who cannot accept the prohibition of such behavior

should not apply. Although the adherence to proper conduct is an individual responsibility it is a group responsibility as well. It is incumbent on all Lycoming students that they prevail upon their fellows to conduct themselves honorably for the collective good.

Automobiles

Resident students of the college who are classified as Sophomores, Juniors or Seniors may have and operate motor vehicles in Williamsport and the surrounding area. All such vehicles must be registered with the college. Parking privileges on the campus are limited to those persons with registered automobiles. Freshman resident students are not permitted to operate, or have in their possession, motor vehicles of any nature in Williamsport, or the surrounding area. Exceptions to this rule may be made only for unusual circumstances, and may be granted only upon written petition to the Dean of Student Services.

Firearms

No resident student may keep firearms, ammunition, or explosive devices in the place of his residence or stored in an automobile on the campus. Facilities for storing firearms for hunting and target purposes are available in the Assistant Dean of Men's Office in Wesley Hall.

Residence Halls

Residence hall students are responsible for the furnishings and the condition of their rooms. Inspection of rooms and their contents is made periodically. Charges will be assessed for damages to rooms, doors, and furniture. Damages in common living areas are the joint responsibility of all residents of the unit.

Residence hall students are expected to vacate their rooms during the vacation periods when the halls are closed and no later than 24 hours following their last examinations except for graduating seniors.

Regulations regarding quiet hours for study are established by the appropriate residence hall councils and are published in the *Guidepost* and on the bulletin boards in the halls.

Money and Valuables

The college accepts no responsibility for loss of valuables due to theft, fire, or other causes. Students may deposit money in the Treasurer's Office. Withdrawals are permitted during office hours.

Marriage

Students who change their marital status are requested to notify the Dean of Men or the Dean of Women prior to their marriage.

Married students may not live in the college residence halls. If a woman student marries while a resident student, she must vacate her room in the residence hall immediately.

Health Services

Medical History and Physical Examination

Each student entering the college is required to submit a medical history record and a physical examination form prior to arriving on the campus. The parent or guardian of each student under 21 years of age must sign the health record which authorizes the college health authorities to give emergency medical treatment according to good medical practice. In the event an operation or other treatment is required for a serious accident or illness, the College Physician will always secure prior parental consent if the circumstances permit.

Exemption from participation in physical activity associated with physical education may be granted only by the College Physician. This exemption is based upon the medical history, report of the student's physician, and a physical examination by the College Physician.

Infirmiry Service

The college maintains an infirmiry which is staffed on a seven-day week, twenty-four-hour day basis with registered nurses. The College Physician is on call when needed. Normal medical treatment by the Health Service Staff at the college infirmiry is free of charge. However, special medications, x-rays, surgery, care of major accidents, immunizations, examinations for glasses, physician's calls other than in the infirmiry, referrals for treatment by specialists, and special nursing service, etc., are not included in the infirmiry service which is provided free.

Accident and Sickness Insurance

All resident students are required to purchase the Accident and Sickness Group Insurance Plan of the college for the academic year, unless they can present evidence that they are covered under some other health insurance program. Non-resident students may participate in the College Group Insurance Plan on a voluntary basis. If a student becomes ineligible under another plan because of age, he must enter the college program in the semester in which he loses his other coverage. The insurance plan will also be available for a twelve-months' coverage on a voluntary basis for all students. Information concerning the plan and its benefits will be sent to all students during the summer.



COURSES

Courses numbered as noted below generally will be for the level indicated:

Numbers 1- 9	Elementary courses in departments where such courses are not counted as part of the student's major. This applies to such areas as Foreign Languages and Mathematics..
Numbers 10-19	Freshman level
Numbers 20-29	Sophomore level
Numbers 30-39	Junior level
Numbers 40-49	Senior level
Numbers 50-59	Special Advanced Courses
Numbers 70-79	Seminar Study
Numbers 80-89	Independent Study
Numbers 90-99	Independent Study for Departmental Honors

Courses in the 50-59, 70-79, 80-89, 90-99 number series are not listed under each department, but are in effect for each department and represent the particular studies listed opposite the numbers above (that is, seminar study for all departments fall in the 70-79 series, etc.).

Courses not in sequence are listed separately, as:

Introduction to Art	Art 10
Drawing I	Art 11

Courses which imply a sequence are indicated with a dash between, meaning that the first semester must be taken prior to the second, as:

Intermediate French	French 10-11
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Courses which the student may elect to take in either order of sequence are listed with a comma, as:

History of Art	Art 22, 23
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Interdisciplinary Courses

LYCOMING SCHOLAR SEMINARS

70-71 Interdisciplinary Seminars

Content varies from year to year. *Open only to freshman Lycoming Scholars.*

72-73 Interdisciplinary Seminars

Content varies from year to year. *Open only to senior Lycoming Scholars.*

THE SOVIET AREA PROGRAM

The Soviet Area Program is an interdisciplinary major designed to offer intensified study of Russia, communism and related matters within the context of the liberal arts.

Required courses are all to be found in the departmental listings and include:

1. Six units of Russian language and/or literature beyond the elementary level.
2. Two units of Russian history
3. Two units of senior seminar
4. Four courses chosen from:
 - Economics 23
 - History 48
 - Political Science 36, 37, 41, 44



ACCOUNTING

Associate Professors: Richmond (*Chairman*), Hollenback

Assistant Professor: King

The purpose of the accounting major is to give the student a thorough foundation in accounting theory, enabling him to enter the profession through public, private or governmental employment. To achieve this, a core of eight unit courses, Accounting 10-11, 20-21, 30-31, 40 and 41, is required. Additional accounting courses beyond Accounting 41 may be selected as electives. All students majoring in Accounting are advised to enroll in Economics 10, 11, 20, 21, Business 20-21, 23, 35, 36 and Mathematics 5.

10-11 Elementary Accounting Theory

An introductory course in recording, classifying, summarizing and interpreting the basic business transaction, including accounting for the single proprietorship, partnership and the corporation. Problems of classification and interpretation of accounts, preparation of financial statements, manufacturing and cost accounting are studied. *3 hours lecture and 2 hours laboratory per week.*

20-21 Intermediate Accounting Theory

An intensive study of accounting statements and analytical procedures with emphasis upon corporate accounts. Price level adjustments, partnerships, joint ventures, installment and consignment sales, branch and home office accounting, and the statement of affairs are among the topics studied. *Prerequisite: Accounting 10-11.*

30-31 Cost and Budgetary Accounting Theory

Methods of accounting for material, labor and factory overhead expenses consumed in manufacturing using job order, process and standard costing are studied. Application of cost accounting and budgeting theory to decision making in the areas of make or buy, expansion of production and sales, and accounting for control are dealt with. *Prerequisite: Accounting 20-21, or consent of the instructor.*

40 Auditing Theory and Practice

The science of verifying, analyzing and interpreting accounts and reports. An audit project is presented, solved and the auditor's report is written. *Prerequisite: Accounting 20-21.*

41 Federal Income Tax Accounting and Planning

Analysis of the provisions of the Internal Revenue Code relating to income, deductions, inventories and accounting methods. Practical problems involving determination of income and deductions, capital gains and losses, computation and payment of taxes through withholding at the source and through declaration are considered. Planning transactions so that a minimum amount of tax will result is emphasized. *Prerequisite: Accounting 10-11 or consent of the instructor.*

42 Federal Income Tax Administration and Planning

An analysis of the provisions of the Internal Revenue Code relating to partnerships, estates, trusts, and corporations. Social Security taxes and Federal Estate and Gift taxes are also discussed. An extensive series of problems is considered and effective tax planning is emphasized. *Prerequisite: Accounting 41.*

43 Contemporary Accounting Problems

Certain areas of advanced accounting theory, including fund accounting, are covered, and problems are taken from past C.P.A. examinations which require a thorough knowledge of the core courses in their solution. The course is intended to meet the needs of those interested in public accounting and preparation for the Certified Public Accountants Examination. *Prerequisite: Accounting 30-31 or consent of the instructor.*

ART

Associate Professor: Chandler (*Chairman*)

Instructors: Meyer, Shipley

Part-time Instructor: Fetter

The major in Art consists of a balanced program of history of art and studio courses. In addition to the core courses (10, 11, 15, or 16, 20, 21, 22, 23, 30) of the major program, the student will elect one advanced course in art history. Art 25 and 35 may be substituted for Art 20 and 30.

SENIOR EXHIBITION: Art majors will be required to present their better work in a one-man show during their senior year.

10 Introduction to Art

A consideration of the physical basis of the visual arts, the materials and techniques of architecture, sculpture, painting and the minor arts.

11 Drawing I

A course designed to acquaint the student with various drawing media, the responsibility of self criticism and the discipline of draftsmanship. The figure, landscape, still life, and non-objective concepts are used to this end.

15, 16 Design

An introduction to the basic principles of design. Special emphasis will be given to developing the student's creative ability by means of problems in two-dimensional and three-dimensional design involving line, form, tone, volume and space. Considerable emphasis will be placed on color. The first semester, Art 15, will deal with the two-dimensional phase of the work; the second semester, Art 16, will be concerned with the three-dimensional aspects of design in preparation for work in the sculpture field.

20 Painting I

A course designed to acquaint the student with the media and craftsmanship of painting. The student will be encouraged to search for a personal method with which to express himself and develop the skill of auto-criticism.

21 Drawing II

A continuation of Drawing I.

22, 23 History of Art

The development of the visual arts from prehistoric days to the present. First semester: Prehistoric to the Italian Renaissance. Second semester: the Italian Renaissance to Contemporary Art.

24 American Art

The visual arts in American life from the seventeenth century to the present, with emphasis on Pennsylvania's contribution to the development of American art. Slides and films will be used to illustrate the lectures. Visits to the local museum and other places of art interest in the area.

25 Sculpture I

Creative work in wood, clay, stone, plaster, and other materials; modelling, building, casting.

30 Painting II

A continuation of Painting I.

31 Contemporary Art

The contemporary idiom in the visual arts. Divergent trends as revealed by a study of some of the well-known contemporary artists, their lives, and works. Emphasis on the men who have made a distinct contribution to the origin and development of the new ideas in the field of art today. Films and slides will be used to illustrate the lectures.

32 Great Painters

A detailed study of the works of great painters, such as Giotto, Botticelli, Raphael, Titian, Tintoretto, El Greco, Dürer, Velasquez, Rembrandt, Watteau, Goya, Renoir, Van Gogh, Picasso.

35 Sculpture II

Development of more complex sculpture forms. Armatures, piece molds, indirect building. Advanced and independent projects.

40 Painting III

A continuation of Painting II.

41 Drawing III

A continuation of Drawing II.

43 Great Sculptors

A detailed study of the works of great sculptors such as Donatello, Michelangelo, Rodin, Moore.

BIOLOGY

Professor: Mobberley (*Chairman*)

Associate Professor: Morehart

Assistant Professors: Angstadt, Ghiselin, Kelley, and Rogers

Instructor: Green

Part-time Instructor: Stebbins

The major in Biology consists of eight units. Courses numbered 20-21, 30-31 are required. All students majoring in Biology are required to include one year of Chemistry and one year of Mathematics.

10-11 Principles of Biology

An investigation of biological principles including ecological systems, form and function in selected representative animals and plants, cell theory, molecular biology, reproduction, inheritance, adaptation, and evolution.

20-21 Descriptive Biology

Comprehensive study of selected, representative Protista, Fungi, lower and higher plants, invertebrates and vertebrates. Emphases are given to morphology, anatomy, and taxonomy. Two lectures and two two-hour laboratories per week. *Prerequisite: Biology 10-11 or equivalent as determined from the high school record.*

30-31 Physiological Biology

A study of physiological processes in cells including photosynthesis, digestion, and respiration. Physiochemical fundamentals are stressed as are applications to the physiology of fungi, plants, invertebrates and vertebrates. Three hours lecture and one three-hour laboratory per week. *Prerequisite: Biology 20-21.*

40 Microbiology

A study of micro-organisms: bacteria, viruses, protozoa, and fungi. Emphasis is given to the identification and physiology of micro-organisms as well as to their role in disease, their economic importance and industrial applications. *Prerequisite: Biology 30.*

41 Genetics

The principles of inheritance and their applications to human biology and to the improvement of plants and animals. *Prerequisite: Biology 30.*

42-43 Environmental Biology

Investigation into basic principles of biological organization, including the biosphere, ecosystem, and population. Local terrestrial and aquatic ecosystems are studied throughout, supported by considerable field work. *Prerequisite: Biology 30-31.*

44 Vertebrate Embryology

A study of the development of vertebrates from the fertilized eggs to the fully formed embryo. *Prerequisite: Biology 21.*

45 Histology-Cytology

A study of cells and tissues. *Prerequisite: Biology 21.*

BUSINESS ADMINISTRATION

Associate Professor: Hollenback (*Chairman*)

Assistant Professors: King, Townsend

Instructor: Sweeney

Lecturer: Larrabee

Part-time Instructor: Kane

The major in Business Administration is designed to train the student in analytical thinking and verbal and oral communication, in addition to educating him in the principal disciplines of business. To this end, a core of eight courses, consisting of Accounting 10-11 and Business 20-21, 30-31, 40

and 41 is required of all majors. Business Administration majors are urged to enroll in Economics 10, 11 and Business 23, 35, 36. Offerings other than the core are intended to add depth in areas of special interest to individual students and may be taken as electives.

Accounting 10-11 is listed under the Department of Accounting.

20-21 Financial Management

Planning, organization and control of the financial aspects of the firm. Development of financial principles and application to specific situations. Sources and uses of funds, costs of funds, profit determination, expansion, reorganization and liquidation. *Prerequisite: Accounting 10-11.*

23 Statistics Applied to Business

Techniques of descriptive statistics useful in business administration and in economic analysis. Topics covered include: sampling, index numbers, analysis of time series, analysis of variance, and sample survey techniques. *Prerequisite: Math 5.*

30-31 Marketing Management

Planning, organization and control of the distribution activities of the firm, and an analysis and evaluation of the marketing system, its institutions and processes. Application of marketing principles and the development of strategies for specific marketing problems. Product, channel flow, promotion and pricing strategies explored. Readings, cases and games.

32 Sales Promotion

Nature and scope, methods and effects of promotion. Techniques of analysis and control in the use of advertising, personal selling and publicity as tools in developing business strategy.

33 Investments

Analysis of the leading types of investments available to the individual and the firm. Use of forecasting methods, financial reports and financial indicators. Methods of buying and selling securities with a discussion of the agencies involved including brokerage houses and stock exchanges.

34 Insurance

Analysis of the major insurance methods of overcoming risk, including life, accident, health, marine and social insurance. Fidelity and surety bonds. Commercial and government plans.

35 Legal Principles I

Lectures and analysis of cases on the nature, sources and fundamentals of the law in general, and particularly as relating to contracts, agency and negotiable instruments. *Open to juniors and seniors.*

36 Legal Principles II

Lectures on the fundamentals and history of the law relating to legal associations, real property, wills and estates. *Open to juniors and seniors.*

40 Management Concepts

Structural characteristics and functional relationships of a business organization as well as the problems encountered in coordinating the internal resources of a firm. Emphasis on administrative efficiency and plant operation and procedures.

41 Business Policies

Planning, organization and control of business operations, setting of goals, coordination of resources, development of policies. Analysis of strategic decisions encompassing all areas of a business, and the use and analysis of control measures. Emphasis

on both the internal relationship of various elements of production, finance, marketing and personnel and the relationship of the business entity to external stimuli. Readings, cases and games. *Prerequisite: Business 20-21, 30-31, and 40. Seniors only.*

42 Personal Management

Development of an effective work force. Organization and responsibilities of the personnel department: selection of employees, training, incentives, morale, human relations in business.

43 Retail Management I

Planning, organization and control of the retail enterprise. Location, layout, administrative organization, buying, selling, pricing, inventory techniques and control, and personnel.

44 Retail Management II

History of retailing and emergence of different types of stores in U.S. and Europe. Survey of current issues, and governmental, social and economic forces of concern to the retailer. Retailing principles applied to specific management situations. Cases and readings. *Prerequisite: Business 43.*

CHEMISTRY

Professors: Radspinner (*Chairman*), Marshall

Associate Professors: Frederick, Hummer

Assistant Professor: Jamison

A major in Chemistry requires the completion of the basic courses, Chemistry 10-11, 20-21, 30-31, 32 and 33. In addition, Mathematics 10-11, 20, and 21 and Physics 10-11 are required. Additional courses in Chemistry, Mathematics, Physics or Biology may be chosen to meet the needs of the individual student. German, Russian, or French is recommended.

10-11 General Chemistry

A systematic study of the fundamental principles of chemistry, atomic and molecular structure, and the properties of the more important elements and their compounds. Quantitative relations are stressed through problem solving and laboratory experiments. Approximately one half of the second semester laboratory work is devoted to qualitative analysis. *Three hours lecture, one hour discussion, and one three-hour laboratory period each week.*

20-21 Organic Chemistry

A systematic study of the compounds of carbon including both aliphatic and aromatic series. The laboratory work introduces the student to simple fundamental methods of organic synthesis, isolation, and analysis. *Three hours lecture and one four-hour laboratory period each week. Prerequisite: Chemistry 10-11.*

30-31 Physical Chemistry

A study of the fundamental principles of theoretical chemistry and their applications. The laboratory work includes techniques in physiochemical measurements. *Three hours lecture and one four-hour laboratory period each week. Prerequisite: Chemistry 10-11, Mathematics 20, 21, and Physics 10-11.*

32 Quantitative Analysis

A study of the fundamental methods of gravimetric, volumetric, and elementary instrumental analysis together with practice in laboratory techniques and calculations of these methods. *Two hours lecture and two three-hour laboratory periods each week. Prerequisite: Chemistry 10-11.*

33 Advanced Inorganic Chemistry

A study of modern theories of atomic and molecular structure and their relationship to the chemistry of selected elements and their compounds. *Three hours lecture and one four-hour laboratory period each week. Prerequisite: Chemistry 30, Mathematics 20, 21 and Physics 10-11.*

40 Advanced Organic Chemistry

Selected topics, including mechanisms of organic reactions, biosynthesis, detailed structure and chemistry of natural products, polynuclear hydrocarbons, and aromatic heterocyclics. *Three hours lecture each week. Prerequisite: Chemistry 20-21.*

41 Qualitative Organic Analysis

Practice in the systematic identification of pure organic compounds and mixtures. *Two hours lecture and two three-hour laboratory periods each week. Prerequisite: Chemistry 20-21.*

42 Advanced Physical Chemistry

Selected topics in theoretical chemistry, including elementary group theory as applied to chemical bonding, quantum mechanics, and statistical mechanics. *Four hours lecture each week. Prerequisite: Chemistry 30-31 and 33.*

43 Advanced Analytical Chemistry

A study of advanced analytical methods with emphasis on separation techniques such as chromatography and ion exchange, electrochemical, and optical methods of analysis. *Three hours lecture and one four-hour laboratory period each week. Prerequisite: Chemistry 30-31 and 32.*

ECONOMICS

Professor: Rabold (*Chairman*)

Assistant Professor: Opdahl

Instructor: Lowden

Economics courses numbered 10, 11, 20, 21, 30, 31, 40, and 70 constitute the core of the major. Specific interests and talent will determine which courses beyond the core shall be selected. Students will plan their programs with the advice and consent of the major advisor. Elementary accounting is recommended for majors specializing in business economics. Statistics is recommended for all majors. Students considering graduate school should schedule mathematics through differential equations.

10, 11 Principles of Economics

An introduction to the problem of scarcity; to the economic thought, principles, institutions, and systems to which the problem has given rise.

20, 21 Money and Banking

A study of money and credit, commercial banking structure and operation, the development of United States monetary and central banking systems, monetary theory, monetary policy, and international financial relationships. *Prerequisite: Economics 10, 11.*

22, 23 Comparative Economic Systems

The economic development and comparative analysis of contemporary economic systems, particularly capitalism, socialism, and communism.

30, 31 Intermediate Economic Analysis

An analysis of contemporary value, distribution, and income theory. First semester is micro-economics; second is macro-economics. *Prerequisite: Economics 10, 11.*

32 Government and the Economy

An analytical survey of the areas of contact of government at all levels with the American economy, especially in the areas of anti-trust legislation and public utilities. *Prerequisite: Economics 10, 11 or consent of the instructor.*

35 Labor Problems

The development of labor unions, particularly in the United States; consideration of the evolution of labor and wage theories, labor legislation, and contemporary issues of labor-management relations. *Prerequisite: Economics 10, 11.*

40 History of Economic Thought

A discussion of the origins, development, and significance of the economic ideas embodied in the works of Smith, Marx, Schumpeter, Keynes, and others. *Prerequisite: Economics 10, 11, or consent of instructor.*

42 Introduction to Econometrics

Econometrics consists of the mathematical formulation of economic theories and the use of statistical techniques to verify or reject the theories. Concerned with quantitative predictions, measurement, and statistical tests of predictions. *Prerequisite: Economics 30, 31, Statistics.*

43 International Trade

A study of the principles, theory, development, and policies concerning international economic relations, with particular reference to the United States. *Prerequisite: Economics 10, 11.*

44 American Economic Development

A study of the economic development of the United States from colonial times to the present. An integration of historical analysis and economic theory. *Prerequisite: Economics 10, 11 or consent of instructor.*

45 Development of Underdeveloped Nations

A study of the theories and problems of capital accumulation, allocation of resources, technological development, growth, planning institutions and international relations encountered by the developing nations.

70 Senior Seminar

The application and integration of economic principles to the analysis and solution of current economic issues via the medium of guided discussion. *Open only to senior economics majors.*

PHYSICS

Professor: Fineman (*Chairman*)

Associate Professor: W. Smith

Assistant Professor: Jamison

The major in physics must complete a minimum of eight units beyond the introductory physics courses including 22, 23, 32, 33, 34 and 44 as well as the non-credit Junior and Senior Physics Laboratories. All junior and senior physics majors are required to attend and to participate in the weekly physics colloquia.

The physics majors take Mathematics 10-11, 20, 21 and it is suggested that they take more mathematics. To round out the physics major's undergraduate science program, he should take at least one year of chemistry. Students planning to enter graduate school will find it advisable to become proficient in reading either the German or Russian scientific literature.

1-2 Elements of Physics

A course for non-science majors to acquaint them with the basic principles of classical physics. The areas to be covered include mechanics, heat, sound, electricity and magnetism, and optics. In addition, some recent developments in physics will be presented. *Three lectures, one recitation and one laboratory session per week. Prerequisite: Mathematics 1 or equivalent, some algebra, trigonometry, and analytic geometry.*

10-11 General Physics

An introductory course in physics for science and engineering students in which calculus is used. The fundamentals of mechanics, electricity, magnetism, optics, waves, relativity, and thermodynamics, will be presented. *Three lectures, one recitation and one laboratory session per week. Corequisite: Mathematics 10-11.*

22 Electronics

This course is designed for physics and other science majors. Its purpose is to introduce the basic principles of electronics and electronic circuits so that the student may understand the operation of modern experimental equipment he may be using in his scientific career. Both the characteristics of vacuum tubes and of transistors and their associated circuits will be studied. *Three hours lecture and two two-hour laboratories. Prerequisite: Physics 11. Corequisite: Mathematics 20.*

23 Modern Physics

The basic concepts of Modern Physics are examined, including, among others, the following topics: theory of special relativity; interaction of radiation and matter, the wave-particle duality and the fundamental ideas of quantum mechanics; Bohr model for the hydrogen atom and atomic structure; x-ray spectra; accelerators; nuclear models and nuclear structure, radioactivity, nuclear reactions; molecular and solid state physics. This course is the foundation for the systematic study of quantum mechanics. *Three hours lecture and one four-hour laboratory per week. Prerequisite: Physics 11 and Physics 22 or consent of the instructor.*

31 Optics and Waves

After a short presentation of geometrical optics, the following topics are examined: wave motion, interference; Fresnel and Fraunhofer diffraction, gratings; the velocity

of light, Michelson-Morley experiment; absorption and scattering; polarization of light. *Three hours lecture. Prerequisite: Physics 11 and Physics 22 or consent of the instructor.*

32 Electricity and Magnetism

The course will cover the electrostatic field, electric potential, magnetic field and the electrical and magnetic properties of matter. Maxwell's equations are presented as an economical way of describing the electromagnetic field. *Four hours lecture and recitation. Prerequisite: Physics 22 and Mathematics 21 or consent of the instructor.*

33 Mechanics

Introduction to Newtonian mechanics. Topics discussed include, motion of a particle in one, two and three dimensions; the harmonic oscillator; angular momentum and rotational dynamics; central force problems; motion of a system of particles; rigid bodies; gravitation, moving coordinate systems, and Larmor's theorem. An introduction to the Lagrange and Hamilton formulations of mechanics will be presented. *Three lectures and one recitation. Prerequisite: Physics 11, Mathematics 21 or consent of the instructor.*

34 Thermal Physics

The laws of thermodynamics and their applications to some physico-chemical, electric and magnetic problems are presented. The properties of bulk matter are treated from a microscopic viewpoint i.e. the kinetic theory of gases and statistical mechanics. A comparison of Maxwell-Boltzmann, Fermi-Dirac and Bose-Einstein statistics is made. *Three hours lecture. Prerequisite: Physics 23 and 33 or consent of the instructor.*

43 Theoretical Electromagnetism

Not offered 1968-69.

44 Introduction to Quantum Mechanics I

Origin, concepts and formulation of Quantum Mechanics. Uncertainty principle and Schrodinger equation. Potential barrier and potential wells. Central forces and angular momentum: Harmonic oscillator. The hydrogen atom, and spherically symmetric problems. *Three hours lecture and one hour recitation. Prerequisite: Physics 23, 32, 33, Mathematics 21 or consent of the instructor.*

45 Introduction to Quantum Mechanics II

General formulation of Quantum Mechanics. Time-independent perturbation theory, Stark and Zeeman effects. Time-dependent perturbation theory, interaction with radiation. Multiple particle systems and Pauli exclusion principle. *Three hours lecture and one hour recitation. Prerequisite: Physics 44. Not offered 1969-70.*

46 Mathematical Physics

This course will attempt to bridge the gap between pure mathematics and theoretical physics. The mathematical tools employed to carry out theoretical calculations will be presented and then used to solve classical mechanical, electromagnetic, quantum mechanical and relativistic physics problems. *Three hours of lecture. Prerequisite: Physics 32, 33.*

47 Contemporary Physics

In this course recent developments in physics will be discussed. Such topics as plasma physics, elementary particle physics, high energy physics, astrophysics, upper atmosphere physics, atomic and molecular and solid state physics may be treated. *Four hours of lecture and recitation. Corequisite: Physics 44 or consent of the instructor. Not offered 1969-70.*

35, 36 Junior Laboratory (No credit)**48, 49 Senior Laboratory (No credit)**

Experiments from modern physics, mechanics, optics, thermal physics, and electricity and magnetism are assigned and performed for both laboratory courses. They are chosen to demonstrate the principles involved in these fields and, at the same time, to acquaint the student with some of the newest experimental techniques. Seniors with approval of the department may arrange to do a research thesis. *Four to six laboratory hours per week.*

Physics Colloquia (No credit)

Junior and senior physics majors are required to attend and participate in the weekly physics colloquia.

POLITICAL SCIENCE

Professor: Weidman (*Chairman*)

Assistant Professors: Cowell, Little, Rhone

Majors in Political Science are normally expected to complete units 10, 11, 20, and 41, in addition to four other units. Directed programs are arranged for majors concentrating upon specialized areas of Political Science.

10 The Government of the United States: National

An introduction to the principles, structure, functions, and operations of the national government, with special reference to expansions to meet the problems of a modern society.

11 The Government of the United States: State and Local

An examination of the general principles, major problems, and political processes of the states and their subdivisions, together with their role in a federal type of government.

20 Comparative Government

Western European political systems. A comparative analysis of the governments of Great Britain, the Soviet Union and other selected Western European political systems.

21 Comparative Government

Political development. A comparative analysis of selected developing political systems with special emphasis in the areas of comparative theory and methodology.

22 Political Parties and Interest Groups

An examination of the history, organization, functions, and methods of American political parties. Attention devoted to the role of organized interest groups in the political process.

23 The American Presidency

A study of the office and powers of the President with an analysis of his major roles as chief administrator, legislative leader, political leader, initiator of foreign policies, commander-in-chief, and head of state. Especial attention given to those Presidents who led the nation boldly.

30, 31 The American Constitution

A presentation of the origins and development of the Constitution, their dominant roles in the government of the United States, and the social forces and dynamic needs which have molded the growth of fundamental law.

32 Municipal Government

An inquiry into the dynamics of municipal government, its legal status and administration and present-day experiments in the solution of the problems of metropolitan societies.

33 Public Administration

A systematic description, analysis, and evaluation of the institutional foundations of the American system of public administration, with special attention to structure, personnel, and control.

34, 35 World Politics

The theory and practice of international relations in the twentieth century. First semester: Foundations of the world order; origin and present trend of the multi-state system; analysis of key factors governing the relations between states in the light of recent history and contemporary events. Second semester: Decision making in international politics with emphasis upon student participation in simulation experiments and analysis of selected problems.

36 The Government and Politics of the Soviet Union

The study of the theory and practice of the political system in the Soviet Union emphasizing the ideological heritage, the functioning of the system, and the particular problems of a one-party state. *Offered in alternate years.*

37 The Foreign Policy of the Soviet Union

The study of the growth of Soviet involvement in world affairs including the introduction of Soviet political institutions to Eastern Europe and Asia, the ideological basis of Soviet foreign policy, and the conduct and formation of Soviet foreign policy. *Offered in alternate years.*

40, 41 Political Philosophy

An exposition of the course of major political ideas and doctrines throughout history, an appraisal of their influence, and an analysis of their applicability to contemporary political issues. *Cross-listed as Philosophy 40, 41.*

42 International Law

The origin and role of international law illustrated by case study and the analysis of selected problems. *Offered alternate years.*

43 International Organization

The structure, role and function of international political and administrative organizations, with emphasis upon the United Nations. *Offered in alternate years.*

44 Government and Politics of East Asia

The governmental systems of North and Southeast Asia with emphasis upon the People's Republic of China and Japan. *Offered in alternate years.*

45 Government and Politics of Latin America

The problems and politics of the Ibero-American and Franco-American political traditions of North and South America. *Offered in alternate years.*

PSYCHOLOGY

Associate Professor: Shortess (*Chairman*)

Assistant Professors: Craig, Hancock, Loomis, C. Smith

Instructor: Ross

Students majoring in psychology will normally complete courses 10-11, 20, 21, 22, 23, 30, 31 as a basic core. Higher-numbered courses will be scheduled as deemed appropriate for the student concerned.

In addition to the departmental requirements, majors are urged to include in their programs courses in zoology, animal physiology, and the mathematics option.

10-11 Introductory Psychology

An introduction to the empirical study of human and other animal behavior. Areas considered may include learning, personality, social, physiological, sensory, cognition and developmental. *Corequisite: Statistics-Mathematics 5.*

20 Experimental Psychology: Sensory processes

Examination of psychophysical methodology and basic neurophysiological processes as they are applied to the understanding of sensory systems. *Prerequisite: Psychology 11.*

21 Experimental Psychology: Learning processes

Examination of the basic methods and principles of animal and human learning. *Prerequisite: Psychology 11.*

22 Developmental Psychology

A study of the basic principles of early human growth and development. *Prerequisite: Psychology 10.*

23 Social Psychology

An examination of behavior in social contexts including motivation, perception, group processes and leadership, attitudes, and methods of research. *Prerequisite: Psychology 11.*

24 Educational Psychology

Introduction to the empirical study of the teaching-learning process. Areas considered may include educational objectives, pupil and teacher characteristics, concept learning, problem solving and creativity, attitudes and values, motivation, retention and transfer, and evaluation and measurement. *Cross-listed as Education 24.*

30 History and Systems of Psychology

The growth of scientific psychology and the theories and systems that have accompanied its development. *Prerequisite: 4 courses in Psychology.*

31 Theories of Personality

A comparison of different theoretical views on the development and functioning of personality. Examined in detail are three general viewpoints of personality: psychoanalytic, stimulus-response (behavioristic), and phenomenological. *Prerequisite: Psychology 11.*

32 Physiological Psychology

A study of the nervous system as the physiological basis of behavior. *Prerequisite: Psychology 20 or Biology 20.*

33 Abnormal Psychology

An introduction to the patterns of deviant behavior with emphasis on cause, function, and treatment. The various models for the conceptualization of abnormal behavior are critically examined. *Prerequisite: Psychology 10.*

40 Industrial Psychology

Application of the principles and methods of psychology to selected business and industrial situations. *Prerequisite: Psychology 10.*

41 Psychological Tests

Critical survey of tests in areas of aptitude, personality, and achievement. *Prerequisite: Psychology 11.*

42 Psychology of the Unusual Child

Study of both the mentally retarded and the gifted. *Prerequisite: Psychology 22.*

RELIGION

Associate Professors: Rhodes (*Chairman*), Guerra

Assistant Professors: Cole, Mojzes, Neufer, Peel

Majors in religion are first required to take courses 10, 13, and 14, and then *five* other unit courses from those listed below. The five optional courses are to be selected on the basis of the student's vocational interest and in consultation with his advisor. Majors who complete the second year of Greek (Greek 11 and 12) may count those two units toward the fulfillment of their five-unit requirement. Students electing the Religion option must take Religion 10 and one other Religion course. This will normally be either Religion 13 or 14, but with the consent of the instructor the student may enroll in other Religion courses.

10 Perspectives on Religion

An exploration of religious responses to ultimate problems of human existence. Through discussion of selections by Protestant, Catholic, Jewish, and humanist writers, students are encouraged to grapple with such questions as the nature and language of religion, the existence and knowledge of God, the inter-play of religion and culture, and the religious analysis of the human predicament. Freshman sections will be limited to 15 students.

13 The Religion of Israel in the Old Testament

A survey of the origins, historical development, and distinctive thought of Hebrew-Jewish religion and culture as these are reflected in the literature of the Old Testament.

14 Primitive Christianity in the New Testament

An investigation of the origins, major theological themes, and historical evolution of Christianity through study of the literature of the New Testament.

20, 21 History of Christian Thought

An inquiry into the changing images of God and man in Western culture, as these have been influenced by the Christian tradition. The first semester will deal with the leading men and motifs from St. Paul through the Reformation and up to the Eighteenth century Deism. The second semester will begin with the attempts of Schleiermacher and Hegel to re-integrate religion and culture, tracing the subsequent progress through Tillich, the Niebuhrs, and present "radical theology."

30 Prophetic Religion in the Bible

The first part of the course consists of a study of the prophetic movement in Israel. The second part is a study of the "prophetic spirit" as found in the teachings of Jesus, the letters of Paul, and other portions of the New Testament. The course will focus on theological meaning rather than on literary and historical criticism.

31 Christian Ethics

Five types of theological ethics in the Christian tradition will be examined with intensive study of a contemporary representative of each including: Barth, Tillich, Maritain, Brunner, and Reinhold Niebuhr. Particular attention will be given to the theological presuppositions of each system and to the methodological application of the ethic to such problems as the sexual revolution, the racial revolution, poverty and war.

40 Religions of the World

A survey of the religious beliefs and practices of mankind through the historical study of the major religions, including the primitive, ancient, and modern religions, such as Hinduism, Buddhism, Jainism, Sikhism, Taoism, Confucianism, Shintoism, Zoroastrianism, Judaism, and Islam. Investigations will be made into the origins, nature, and development of religions and religious phenomena on a global basis.

41 Contemporary Religious Problems

A study of the theological significance of some contemporary intellectual developments in western culture. The content of this course will vary from year to year. Subjects studied in recent years include the following:

- (a) The theological significance of Freud, Marx, and Nietzsche.
- (b) Christianity and existentialism.
- (c) Theology and depth psychology.
- (d) The religious dimension of contemporary literature.

42 The Nature and Mission of the Church

A study of the nature of the church and its mission in contemporary society including an analysis of the role of the church and an examination of ways of renewal.

43 The Educational Ministry of the Church

A study of religious education as a function of the church with special attention given to the nature and objectives of Christian education, methods of teaching religion, and the relations between faith and learning.

44 Church History

A survey of the history of the Christian Church from its beginning to the present studied in relation to the general historical situation of each period. Attention is given to the forces shaping the basic features of the churches. The major emphasis will be on the institutional development, the mission of the Church, and the lives of its great leaders.

SOCIOLOGY AND ANTHROPOLOGY

Associate Professor: Sonder (*Chairman*)

Instructors: Crook, Stoll

Majors in Sociology are normally expected to complete the following courses in this order: 10, 14, 20, and 24. In addition, at least four courses numbered between 30 and 99 are necessary for the major.

Prerequisites for non-majors: normally each unit course constitutes the prerequisite for the one which follows. Exceptions require the permission of the instructor. Students using Sociology to meet the social science requirements for graduation must schedule courses 10 and 14.

10 Introduction to Sociology

An introduction to the systematic study of human inter-relationship and the products of these relationships.

14 General Anthropology

A survey of the physical and cultural evolution of man and society, placing emphasis upon the comparative descriptions of recent primitive societies.

20 Marriage and the Family

The history, structure, and functions of modern American family life, emphasizing dating, courtship, factors in marital adjustment, and the changing status of family members.

24 Rural and Urban Communities

The concept of community is treated as it operates and affects individual and group behavior in rural, suburban, and urban settings. Emphasis is placed upon characteristic institutions and problems of modern city life.

30 Criminology

The nature, genesis, and organization of criminal behavior are examined from both group and individual viewpoints. Juvenile delinquency and the treatment of crime are presented.

34 Racial and Cultural Minorities

A study of the adjustments of minority racial, cultural, and national groups in modern America. Attention is also given to minority problems within their world setting.

40 Groups and the Development of Human Behavior

An integrated, theoretical explanation of meaningful social behavior is developed and applied to classes, age groupings, and institutions of modern American society. Emphasis is placed upon the concepts of self, role, and stratification.

42 Public Opinion and Collective Behavior

A theoretical and research-based study of the foundation, formation, and operation of public opinion in American society. Polling and propaganda techniques and the major media of public opinion are given consideration. Forms of collective behavior, including social movements, are considered in their contemporary socio-cultural setting.

44 History of Sociological Thought

The history of the development of sociological thought from its earliest philosophical beginnings is treated through discussions and reports. Emphasis is placed upon sociological thought since the time of Comte.

THEATRE

Associate Professor: Raison (*Chairman*)

Instructors: Porter, Reeve

The major consists of eight unit courses in theatre and must be supported by course work in the related disciplines of English, social science, music and/or art.

The Fine Arts requirement may be satisfied by selecting any two of Theatre 10, 11, or 12.

I Fundamentals of Speech

The development of the elementary principles of simple oral communication through lectures, prepared assignments in speaking and informal class exercises.

10 Introduction to Acting

An introductory study of the actor's preparation, with emphasis on developing the actor's creative imagination through improvisations and scene study.

11 Introduction to Scene Design and Stagecraft

An introduction to the Theatre with an emphasis on stagecraft. The productions each semester serve as the laboratory to provide the practical experience necessary to understanding the material presented in the classroom.

12 Introduction to Directing

An introductory study of the function of the director in preparation, rehearsal and performance. Emphasis is placed on developing the student's ability to analyze scripts and on the development of the student's imagination.

20 History of the Theatre I

A detailed study of the development of theatre from the Greeks to the early realistic period. *Offered in the fall semester. Prerequisite: two units of theatre.*

21 History of the Theatre II

The history of the theatre from 1860. *Offered in the spring semester. Prerequisite: two units of theatre.*

31 Advanced Techniques of Play Production

A detailed consideration of the interrelated problems and techniques of play analysis, production styles and design. *Offered summer only.*

32 Intermediate Studio: Scence and Lighting Design

The theory of stage and lighting design with special emphasis on their practical application to the theatre. *Prerequisite: successful completion of two units of Introduction to Acting, Directing, or Design.*



33 Intermediate Studio: Acting

Instruction and practice in character analysis and projection, with emphasis on vocal and body techniques. *Prerequisite: successful completion of two units of Introduction to Acting, Directing, or Design.*

34 Intermediate Studio: Directing

Emphasis is placed on the student's ability to function in preparation and rehearsal. Practical experience involves the directing of scenes from contemporary theatre. *Prerequisite: successful completion of two units of Introduction to Acting, Directing or Design.*

41 Advanced Studio: Design

Independent work in conceptual and practical design. The student will design one full production as his major project. *Prerequisite: consent of instructor.*

42 Advanced Studio: Acting

Preparation of monologues and two character scenes. Contemporary and classical. The student will appear in major campus productions. *Prerequisite: consent of instructor.*

43 Advanced Studio: Directing

Emphasis will be placed on the student's ability to produce a major three-act play from the script to the stage for public performance. *Prerequisite: consent of instructor.*

COLLEGE PERSONNEL

Board of Directors

OFFICERS

Fred A. Pennington	<i>President</i>
Arnold A. Phipps, II	<i>Vice-President</i>
Paul G. Gilmore	<i>Secretary</i>
Kenneth E. Himes	<i>Treasurer</i>

HONORARY DIRECTORS

Charles V. Adams	<i>Williamsport</i>
Ralph E. Kelchner	<i>Jersey Shore</i>
Mrs. H. Marshall Stecker	<i>Mt. Carmel</i>
The Rev. L. Elbert Wilson	<i>Orlando, Fla.</i>

DIRECTORS

Term Expires 1969

Elected

1957	The Rev. Sheridan W. Bell, D.D.	<i>Harrisburg</i>
1965	Walter J. Heim	<i>Montoursville</i>
1968	Bishop Hermann W. Kaebnick, D.D., L.H.D., LL.D.	<i>Harrisburg</i>
1966	Mrs. Edward B. Knights	<i>Montoursville</i>
	(<i>Alumni Representative</i>)	
1938	Mrs. Layton S. Lyon	<i>Williamsport</i>
1942	The Rev. Elvin Clay Myers, D.D.	<i>Mechanicsburg</i>
1941	Arnold A. Phipps, II	<i>Williamsport</i>
1931	*Hon. Robert F. Rich, LL.D.	<i>Woolrich</i>
1936	George L. Stearns, II	<i>Williamsport</i>
1967	The Rev. Donald H. Treese	<i>Williamsport</i>

* Deceased April 28, 1968.

*Term Expires 1970**Elected*

1967	The Rev. Jackson Burns, D.D., LL.D.	Wilmington, Del.
1949	Bishop Fred Pierce Corson, D.D., LL.D., HH.D.	Philadelphia
1964	*John G. Detwiler	Williamsport
1948	Frank L. Dunham	Wellsboro
1951	Paul G. Gilmore	Williamsport
1964	Hon. Charles F. Greevy	Williamsport
1964	W. Gibbs McKenney	Baltimore, Md.
1958	Fred A. Pennington	Mechanicsburg
1967	T. Sherman Stanford, D.Ed.	State College
	(<i>Alumni Representative</i>)	
1961	The Rev. Wallace F. Stettler	Kingston

*Term Expires 1971**Elected*

1953	Ernest M. Case	Jersey Shore
1965	The Rev. Nelson H. Frank, D.D.	State College
1966	S. Dale Furst, Jr.	Williamsport
1968	Robert W. Griggs	Williamsport
	(<i>Alumni Representative</i>)	
1967	The Rev. Grantas E. Hoopert	Williamsport
1965	James G. Law	Bloomsburg
1965	Hon. Herman T. Schneebeli	Williamsport
1965	Harold J. Stroehmann, Jr.	Williamsport
1961	Nathan W. Stuart	Williamsport
1958	W. Russell Zacharias	Allentown

* Elected Acting President of Lycoming College August 10, 1968.

EXECUTIVE COMMITTEE

Ernest M. Case
 John G. Detwiler
 Frank L. Dunham
 S. Dale Furst, Jr.
 Paul G. Gilmore
 Hon. Charles F. Greevy
 Walter J. Heim, *Chairman*

The Rev. Grantas E. Hoopert
 Bishop Hermann W. Kaebnick
 Arnold A. Phipps, II
 George L. Stearns, II
 Harold J. Stroehmann, Jr.
 W. Russell Zacharias

Administrative Staff

- °D. Frederick Wertz (1955) *President*
 A.B., LL.D., Dickinson College; A.M., S.T.B., Boston University
- Philip R. Marshall (1965) *Dean of the College*
 B.A., Earlham College; M.S., PH.D., Purdue University
- Kenneth E. Himes (1948) *Treasurer and Business Manager*
 B.S., Drexel Institute of Technology; C.S.B., Rutgers University
- Oliver E. Harris (1956) *Director of Development*
 A.B., M.S., The Pennsylvania State University
- R. Andrew Lady (1957) *Assistant to the President*
 A.B., Lycoming College; M.S., D.ED., The Pennsylvania State University
- Jack C. Buckle (1957) *Dean of Student Services*
 A.B., Juniata College; M.S., Syracuse University
- Harold W. Hayden (1965) *Librarian*
 A.B., Nebraska State Teachers College; B.S., University of Illinois; M.A. in L.S., University of Michigan
- Frank J. Kamus (1963) *Director of Admissions*
 B.S., Lock Haven State College
- Robert J. Glunk (1965) *Registrar*
 A.B., Lycoming College; M.A., The Pennsylvania State University
- Helen M. Felix (1948) *Dean of Women*
 B.S., East Stroudsburg State College
- David G. Busey (1954) *Director of Physical Education and Athletics*
 B.S., M.S., University of Illinois
- H. Lawrence Swartz (1958) *Director of Public Relations*
 A.B., Lycoming College; M.S., Boston University; PH.D., Syracuse University
- Dale V. Bower (1968) *Director of Alumni Affairs*
 B.S., Lycoming College; B.D., United Theological Seminary
- William L. Baker (1965) *Director of Student Aid*
 B.S., Lycoming College
- Peter Cooper (1967) *Director of Computer Center*
 B.S., Allegheny College
- L. Paul Neuffer (1960) *Director of Religious Activities*
 A.B., Dickinson College; S.T.B., S.T.M., Boston University
- Clifford O. Smith (1964) *Director of Psychological Services*
 A.B., Lycoming College; PH.D., Stanford University
- Robert O. Patterson (1964) *Assistant Dean of Men*
 B.A., M.ED., The Pennsylvania State University
- Edward K. McCormick (1967) *Assistant Dean of Men*
 B.S., Bloomsburg State College; M.ED., University of Pittsburgh; M.ED. (Counseling), University of Pittsburgh
- R. Stephen Hockley (1966) *Admissions Counselor*
 A.B., Lycoming College
- Alan G. Cohick (1968) *Admissions Counselor*
 A.B., Lycoming College

° Elected president July 1, 1955, and consecrated a bishop of The United Methodist Church July 27, 1968.

Faculty

EMERITI

- Joseph D. Babcock *Professor of Physics Emeritus*
A.B., Dickinson College; M.A., Bucknell University
- Mabel K. Bauer *Professor of Chemistry Emeritus*
B.S., Cornell University; M.S., University of Pennsylvania
- Arnold J. Currier *Professor of Chemistry Emeritus*
A.B., Colgate University; M.S., The Pennsylvania State University; PH.D., Cornell University
- LeRoy F. Derr *Professor of Education Emeritus*
A.B., Ursinus College; M.A., Bucknell University; ED.D., University of Pittsburgh
- George W. Howe *Professor of Geology Emeritus*
A.B., M.S., Syracuse University; PH.D., Cornell University
- Donald G. Remley *Assistant Professor of Mathematics and Physics Emeritus*
A.B., Dickinson College; M.A., Columbia University
- Eric V. Sandin *Professor of English Emeritus*
B.S., Wesleyan University; M.A., Columbia University; PH.D., University of Illinois
- George S. Shortess *Professor of Biology Emeritus*
A.B., Johns Hopkins University; M.A., Columbia University; PH.D., Johns Hopkins University
- J. Milton Skeath *Professor of Psychology Emeritus*
A.B., Dickinson College; M.A., University of Pennsylvania; PH.D., The Pennsylvania State University; LITT.D., Lycoming College
- James W. Sterling *Associate Professor of English Emeritus*
A.B., A.M., Syracuse University; LITT.D., Lycoming College

PROFESSORS

- Robert H. Byington (1960) *Professor of English*
A.B., University of Pennsylvania; M.A., Lehigh University; PH.D., University of Pennsylvania
- Robert H. Ewing (1947) *Professor of History and Assistant Mace Bearer*
A.B., College of Wooster; M.A., University of Michigan
- Morton A. Fineman (1966) *Professor of Physics*
A.B., Indiana University; PH.D., University of Pittsburgh
- Eloise Gompf (1960) *Professor of History*
A.B., Western College; A.M., PH.D., Indiana University
- John P. Graham (1939) *Professor of English and Marshal of the College*
PH.B., Dickinson College; M.ED., The Pennsylvania State University
- Harold W. Hayden (1965) *Librarian with rank of Professor*
A.B., Nebraska State Teachers College; B.S., University of Illinois; M.A. in L.S., University of Michigan

- Eric H. Kadler (1960) *Professor of French*
Graduation Diploma, University of Prague; M.A., PH.D., University of Michigan
- Philip M. Kretschmann (1966) *Visiting Professor of Philosophy*
A.B., A.M., PH.D., Princeton University
- Walter G. McIver (1946) *Professor of Voice*
MUS.B., Westminster Choir College; A.B., Bucknell University; M.A., New York University
- Philip R. Marshall (1965) *Professor of Chemistry*
and Dean of the College
B.A., Earlham College; M.S., PH.D., Purdue University
- David G. Mobberley (1965) *Professor of Biology*
B.S., Baldwin-Wallace College; M.S., University of Michigan; PH.D., The Iowa State University
- Loring B. Priest (1949) *Professor of History*
LITT.B., Rutgers University; M.A., PH.D., Harvard University
- *Robert W. Rabold (1955) *Professor of Economics*
B.A., The Pennsylvania State University; M.A., PH.D., University of Pittsburgh
- John A. Radspinner (1957) *Professor of Chemistry*
B.S., University of Richmond; M.S., Virginia Polytechnic Institute; D.SC., Carnegie-Mellon University
- Frances Knights Skeath (1947) *Professor of Mathematics*
A.B., M.A., Bucknell University; D.ED., The Pennsylvania State University
- Helen Breese Weidman (1944) *Professor of Political Science*
A.B., M.A., Bucknell University; PH.D., Syracuse University

ASSOCIATE PROFESSORS

- David G. Busey (1954) *Associate Professor of Physical Education*
and Director of Physical Education and Athletics
B.S., M.S., University of Illinois
- Jack K. Campbell (1967) *Associate Professor of Education*
A.B., Cornell College; M.A., University of Illinois; ED.D., Columbia University
- John W. Chandler (1952) *Associate Professor of Art*
A.B., St. Anselm's College; M.ED., Boston University
- W. Arthur Faus (1951) *Associate Professor of Philosophy*
A.B., Dickinson College; S.T.B., PH.D., Boston University
- David H. Frederick (1961) *Associate Professor of Chemistry*
A.B., Utica College of Syracuse University; PH.D., Cornell University
- Phil G. Gillette (1929) *Associate Professor of Spanish*
and Mace Bearer
A.B., Ohio University; M.A., Columbia University
- Ednardo Guerra (1960) *Associate Professor of Religion*
B.D., Southern Methodist University; S.T.M., TH.D., Union Theological Seminary
- John G. Hollenback (1952) *Associate Professor of Business Administration*
and Assistant Marshal of the College
B.S., M.B.A., University of Pennsylvania

* On leave first semester 1968-69

- James K. Hummer (1962) *Associate Professor of Chemistry*
B.N.S., Tufts University; M.S., Middlebury College; PH.D., University of North Carolina
- Guy G. Mentha (1966) *Associate Professor of French*
B.A., M.A., McGill University; PH.D., Yale University
- Allen L. Morehart (1968) *Associate Professor of Biology*
A.B., Lycoming College; M.S., PH.D., University of Delaware
- *Glen E. Morgan (1961) *Associate Professor of Music*
B.M., M.M., PH.D., Indiana University
- Neale H. Mucklow (1957) *Associate Professor of Philosophy*
A.B., Hamilton College; PH.D., Cornell University
- Charles W. Raison (1961) *Associate Professor of Speech and Theatre*
B.A., Michigan State University; M.F.A., Tulane University
- *O. Thompson Rhodes (1961) *Associate Professor of Religion*
B.S., University of Cincinnati; B.D., PH.D., Drew University
- Logan A. Richmond (1954) *Associate Professor of Accounting*
B.S., Lycoming College; M.B.A., New York University; C.F.A. (Pennsylvania)
- Mary Landon Russell (1936) *Associate Professor of Music*
MUS.B., Susquehanna University Conservatory of Music; M.A., The Pennsylvania State University
- James W. Sheaffer (1949) *Associate Professor of Music*
B.S., Indiana University of Pennsylvania; M.S., University of Pennsylvania
- George K. Shortess (1963) *Associate Professor of Psychology*
A.B., Lycoming College; M.A., PH.D., Brown University
- Willy Smith (1966) *Associate Professor of Physics*
B.S.E., The University of the Republic (Uruguay); M.S.E., PH.D., University of Michigan
- Otto L. Sonder, Jr. (1956) *Associate Professor of Sociology and
Anthropology*
B.A., American University; M.A., Bucknell University; D.ED., The Pennsylvania State University
- Richard T. Stites (1959) *Associate Professor of History*
B.A., University of Pennsylvania; M.A., George Washington University; PH.D., Harvard University
- John A. Stuart (1958) *Associate Professor of English*
B.A., William Jewell College; M.A., PH.D., Northwestern University
- Donald C. Wall (1963) *Associate Professor of English*
A.B., Syracuse University; M.A., PH.D., Florida State University

ASSISTANT PROFESSORS

- Robert B. Angstadt (1967) *Assistant Professor of Biology*
B.S., Ursinus College; M.S., Cornell University
- Myrna A. Barnes (1959) *Circulation Librarian with rank of
Assistant Professor*
A.B., University of California at Los Angeles; M.S. in L.S., Drexel Institute of Technology

* On leave first semester 1968-69

- Francis L. Bayer (1967) *Assistant Professor of English*
B.A., St. Mary's College; B.S., M.A., Bowling Green State University
- Norman E. Bowie (1968) *Assistant Professor of Philosophy*
A.B., Bates College; PH.D., University of Rochester
- Sylvester Ray Brost (1965) *Assistant Professor of German*
B.S., University of Wisconsin; M.A., Middlebury College
- Clarence W. Burch (1962) *Assistant Professor of Physical Education*
B.S., M.ED., University of Pittsburgh
- Kathleen Chandler (1965) *Cataloging Librarian with rank of Assistant Professor*
B.S., M.A., Columbia University
- J. Preston Cole (1965) *Assistant Professor of Religion*
B.S., Northwestern; B.D., Garrett Seminary; PH.D., Drew University
- °° John H. Conrad (1959) *Assistant Professor of Education*
B.S., Mansfield State College; M.A., New York University
- David A. Cowell (1966) *Assistant Professor of Political Science*
B.A., Drew University; PH.D., Georgetown University
- Richard H. Craig (1967) *Assistant Professor of Psychology*
A.B., University of California (Berkeley); M.A., McGill University
- Martin I. Durst (1967) *Assistant Professor of English*
B.A., Queens College; M.A., PH.D., University of Oregon
- Richard W. Feldmann (1965) *Assistant Professor of Mathematics*
A.B., M.A., University of Buffalo
- John W. Fiero (1967) *Assistant Professor of English*
A.B., University of Miami; M.A., University of California
- F. Catharine Fisher (1968) *Assistant Cataloger with rank of Assistant Professor*
B.A., Susquehanna University
- Bernard P. Flam (1963) *Assistant Professor of Spanish*
A.B., New York University; M.A., Harvard University; PH.D., University of Wisconsin
- °°° Eleanor Radcliffe Garner (1957) *Assistant Professor of English*
A.B., A.M., George Washington University
- Hildegard M. Gensch (1966) *Assistant Professor of German*
B.A., M.A., Bob Jones University; M.A., Middlebury College; PH.D., University of Cincinnati
- Charles L. Getchell (1967) *Assistant Professor of Mathematics*
B.S., University of Massachusetts; M.A., Harvard University
- Jon Ghiselin (1967) *Assistant Professor of Biology*
B.S., M.A., University of Utah; PH.D., University of Wisconsin
- Rodney C. Grossman (1966) *Assistant Professor of English*
A.B., Allegheny College; M.A., Kansas State University; PH.D., Tulane University
- John G. Hancock (1967) *Assistant Professor of Psychology*
B.S., M.S., Bucknell University

°° On leave second semester 1968-69

°°° On leave 1968-69

- Allen J. Harder (1968) *Assistant Professor of Philosophy*
B.S., Wheaton College; M.A., Indiana University
- ***Owen F. Herring, III (1965) *Assistant Professor of Philosophy*
B.A., Wake Forest College
- M. Raymond Jamison (1962) . . . *Assistant Professor of Physics and Chemistry*
B.S., Ursinus College; M.S., Bucknell University
- Alden G. Kelley (1966) *Assistant Professor of Biology*
B.S., M.S., Iowa State University; PH.D., Purdue University
- Timothy Killeen (1965) *Assistant Professor of Mathematics*
B.S., Wagner College; M.S., Rutgers University
- Elizabeth H. King (1956) *Assistant Professor of
Business Administration*
B.S., Geneva College; M.ED., The Pennsylvania State University
- ***C. Daniel Little (1963) *Assistant Professor of Political Science*
A.B., Lycoming College; M.P.A., Syracuse University
- David J. Loomis (1967) *Assistant Professor of Psychology*
A.B., Lycoming College; M.S., Bucknell University; PH.D., Syracuse University
- **Gertrude B. Madden (1958) *Assistant Professor of English*
A.B., University of Pennsylvania; M.A., Bucknell University
- James J. McAuley (1968) *Assistant Professor of English*
B.A., University College, Dublin; M.F.A., University of Arkansas
- ***Donna K. Miller (1960) *Assistant Professor of Physical Education*
B.S., Lock Haven State College; M.ED., The Pennsylvania State University
- ***Paul B. Mojzes (1964) *Assistant Professor of Religion*
A.B., Florida Southern College; PH.D., Boston University
- L. Paul Neufer (1960) *Assistant Professor of Religion
and Director of Religious Activities*
A.B., Dickinson College; S.T.B., S.T.M., Boston University
- Roger W. Opdahl (1963) *Assistant Professor of Economics*
A.B., Hofstra College; M.A., Columbia University
- Malcolm L. Peel (1965) *Assistant Professor of Religion*
B.A., Indiana University; B.D., Louisville Presbyterian Theological Seminary; M.A.,
PH.D., Yale University
- Richard S. Rhone (1968) *Assistant Professor of Political Science*
B.A., Lehigh University; M.A., The Pennsylvania State University
- ***William E. Rogers (1965) *Assistant Professor of Biology*
B.S., Dickinson College; M.S., The Pennsylvania State University
- Louise R. Schaeffer (1962) *Assistant Professor of Education*
A.B., Lycoming College; M.A., Bucknell University
- Ludwig F. Schlecht (1968) *Assistant Professor of Philosophy*
B.A., Gettysburg College; PH.D., Emory University
- Clifford O. Smith (1964) *Assistant Professor of Psychology
and Director of Psychological Services*
A.B., Lycoming College; PH.D., Stanford University

** On leave second semester 1968-69
*** On leave 1968-69

- Charles E. Townsend (1964) . . . *Assistant Professor of Business Administration*
 B.S., Georgia Institute of Technology; M.S. University of Missouri
- Ira A. Tumbleson (1966) *Acquisitions Librarian with rank of Assistant Professor*
 A.B., Nebraska State Teachers College; B.S.L.S., University of Illinois; M.A. in L.S., University of Michigan
- Sally F. Vargo (1953) *Assistant Professor of Physical Education*
 B.S., The Pennsylvania State University; M.S., Bucknell University
- Budd F. Whitehill (1957) *Assistant Professor of Physical Education*
 B.S., Lock Haven State College; M.ED., The Pennsylvania State University
- Leo K. Winston (1964) *Assistant Professor of Russian*
 B.A., Sir George Williams University; M.A., Université de Montréal
- John J. Zimmermann (1962) *Assistant Professor of Education*
 B.S., Mansfield State College; M.S., Montclair State College

INSTRUCTORS

- Carole A. Bateman (1968) *Instructor in Physical Education*
 B.S., Slippery Rock State College
- Peter Cooper (1967) *Instructor in Mathematics and Director of Computer Center*
 B.S., Allegheny College
- Robert J. Crook (1968) *Instructor in Sociology*
 B.A., Muskingum College; M.A., Kent State University
- George M. Dix (1968) *Instructor in French*
 B.A., Brown University; M.A., Middlebury College
- Wenrick H. Green (1968) *Instructor in Biology*
 A.B., Lycoming College; M.S., The Pennsylvania State University
- Thomas J. Henninger (1966) *Instructor in Mathematics*
 B.S., Wake Forest College; M.A., University of Kansas
- Jay H. Lowden (1968) *Instructor in Economics*
 A.B., Lycoming College; M.A., University of Maine
- Howard T. Mancing (1966) *Instructor in Spanish*
 A.B., Geneva College
- James L. Meyer (1967) *Instructor in Art*
 B.A., Haverford College; B.F.A., Rhode Island School of Design; M.F.A., University of Washington
- Nelson Phillips (1959) *Instructor in Physical Education*
 B.S., Springfield College
- Robert E. Porter (1967) *Instructor in Theatre*
 A.B., Lycoming College; Graduate American Academy of Dramatic Arts
- David A. Reeve (1967) *Instructor in Theatre*
 B.S. in ED., Indiana University; M.A., University of Wyoming
- Lee B. Ross (1967) *Instructor in Psychology*
 B.A., M.A., DePauw University
- Roger D. Shipley (1967) *Instructor in Art*
 B.A., Otterbein College; M.F.A., Cranbrook Academy of Art

- R. Kurt Stoll (1968) *Instructor in Sociology*
 A.B., Ashland College
- Edward A. Sweeney (1968) *Instructor in Business Administration*
 B.A., Hobart College; M.B.A., University of Pennsylvania

LECTURER

- Don L. Larrabee (1945) *Lecturer in Law*
 A.B., Allegheny College; Graduate Division of the Wharton School; Law School of the University of Pennsylvania

PART-TIME INSTRUCTORS

- Josiah P. Alford *Mathematics*
 B.A., The Principia College; M.A., The George Washington University
- Robert Christ *Education*
 B.S., M.A., The Pennsylvania State University
- Katherine L. Fetter *Art*
 B.S., Kutztown State College
- Donald M. Griffith *Music*
 B.S., Mansfield State College, M.ED., The Pennsylvania State University
- Frayda Kamber *English*
 M.A., Occidental College
- Herbert G. Kane *Business Administration*
 B.S., Lycoming College
- Bernard Lansberry *Education*
 B.S., M.ED., The Pennsylvania State University
- Janice Stebbins *Biology*
 A.B., Lycoming College
- Ann W. Williams *Education*
 B.S., Marywood College; M.S., The Pennsylvania State University
- Edith L. Wright *History*
 B.S., Lock Haven State College

ADMINISTRATIVE ASSISTANTS

- A. Gayle Bair *Secretary to Director of Public Relations*
- Louise Banks *Secretary to the Librarian*
- Betty Beck *Bookstore Assistant*
- Emily C. Biichle *Secretary to the Treasurer*
- Russell Bloodgood *Manager of Food Service*
- Marguerite Boyle *Head Resident, New Women's Dormitory*
- Pauline F. Brungard *Student Loan Coordinartor*
 B.S., Lycoming College
- Shirley Campbell *Assistant in the Treasurer's Office*

Marcia Carry	<i>Psychological Services Secretary</i>
Della Connolly	<i>Library Assistant</i>
Robert L. Eddinger	<i>Director of Buildings and Grounds</i>
June L. Evans	<i>Secretary in the Education Office</i>
Maxine Everett	<i>Placement Secretary</i>
Arlie Goodman	<i>Head Resident, North Hall</i>
Naomi Haas	<i>Secretary in the Admissions Office</i>
Helen Hasskarl	<i>Secretary to the Department of Athletics</i>
Gertrude Henry	<i>Supervisor of Housekeeping</i>
Mary E. Heyne	<i>Head Resident, Crever Hall</i>
Phyllis Holmes	<i>Secretary to the President</i>
Dee Horn	<i>Cashier-Bookkeeper</i>
Judith A. Hrzic	<i>Secretary in the Admissions Office</i>
Naomi Kepner	<i>Bookstore Assistant</i>
Jane Kiess	<i>Secretary in the Admissions Office</i>
Weltha P. Kline	<i>Secretary to the Dean of the College</i>
Audrey Libby	<i>Library Assistant</i>
Edith Lipfert	<i>Library Assistant</i>
Vivian Meikrantz	<i>Faculty Stenographer</i>
Martha Messner	<i>Library Assistant</i>
Patricia Miller	<i>Secretary to the Registrar</i>
Betty Paris	<i>Secretary to the Director of Development</i>
Doris E. Reichenbach	<i>Secretary to the Director of Alumni Affairs</i>
Leverda E. Rinker	<i>Office Services Coordinator</i>
Marian L. Rubendall	<i>Secretary to the Dean of Student Services</i>
Lola Spangle	<i>Assistant Head Resident</i>
Catherine Spire	<i>Head Resident, Rich Hall</i>
Dorothy Streeter	<i>Manager of the Bookstore</i>
Betty June Swanger	<i>Accountant and Office Manager</i>
Virginia Van Horn	<i>Library Assistant</i>
Irene Vincent	<i>Library Assistant</i>
Martha Winter	<i>Assistant Head Resident</i>

MEDICAL STAFF

Frederic C. Lechner, M.D.	<i>College Physician</i>
B.S., Franklin and Marshall College; M.D., Jefferson Medical College	
Robert S. Yasui, M.D.	<i>College Surgeon</i>
M.D., Temple University	
Ruth J. Burket, R.N.	<i>College Nurse</i>
Hamot Hospital School of Nursing	
Emaline W. Deibert, R.N.	<i>College Nurse</i>
Williamsport Hospital School of Nursing	
Constance Kyler, R.N.	<i>College Nurse</i>
Harrisburg Polyclinic Hospital School of Nursing	
J. Louise Parkin, R.N.	<i>College Nurse</i>
Geisinger Medical Center School of Nursing	

The Alumni Association

The Alumni Association of Lycoming College has a membership of nearly six thousand men and women. It is governed by an Executive Board of five officers and twenty-one members nominated and elected by the membership. It elects annually a member to the Board of Directors of the College for a three-year term. The Director of Alumni Affairs directs the activities of the Alumni Office.

The Alumni Association of Lycoming College has two objectives: (1) to promote the interests of the college, and (2) to foster among its members loyalty and devotion to their alma mater. All persons who have successfully completed one year of study at Lycoming College, or Williamsport Dickinson Junior College, and all former students of Williamsport Dickinson Seminary are members of the Association.

The Alumni Office is located on the first floor of Long Hall. Arrangements for Homecoming, Alumni Day, Class Reunions, club meetings and similar activities are coordinated through this office. There are active alumni clubs in Harrisburg, Lehigh Valley, Philadelphia, Pittsburgh, State College, Northern New Jersey, Rochester, Schenectady, Syracuse, and Connecticut.

Lycoming College holds Class A, B, and C memberships in the American Alumni Council. Through its Alumni Fund, the Alumni Office is closely associated with the development program of the college.

Acting as the representative of alumni on the campus, and working also with undergraduates, the Alumni Office aids in keeping alumni informed and interested in the program, growth and activities of the college.

Communications to the Alumni Association should be addressed to the Alumni Office.



Honorary Degrees Conferred — 1968

FOUNDERS DAY

- Lawrence Clark Powell, L.H.D. *Dean Emeritus
School of Library Service
University of California at Los Angeles*
- Myron F. Wicke, L.H.D. *General Secretary
Division of Higher Education
Board of Education The United Methodist Church*
- Richard H. Sullivan, LL.D. *President
Association of American Colleges*

COMMENCEMENT

- Robert S. Clippinger, D.D. *Assistant Professor of Voice
and Church Music
Lutheran Theological Seminary, Gettysburg*
- James W. Henley, L.H.D. *Resident Bishop, The Florida Area
The United Methodist Church*
- B. Davie Napier, LL.D. *Dean of the Chapel
Stanford University*

Academic Calendar

FALL SEMESTER 1968-69

September 15— <i>Sunday</i>	Dormitories open
16— <i>Monday</i>	Registration 1:00 p.m.-5:00 p.m.
17— <i>Tuesday</i>	Registration 9:00 a.m.-12 noon
18— <i>Wednesday</i>	Classes begin 8:00 a.m.
November 26— <i>Tuesday</i>	Thanksgiving recess begins 5:00 p.m.
December 2— <i>Monday</i>	Classes resume 8:00 a.m.
7— <i>Saturday</i>	Graduate Record Examinations 9:00 a.m.
14— <i>Saturday</i>	Pre-registration 9:00 a.m.-1:00 p.m.
20— <i>Friday</i>	Christmas recess begins 5:00 p.m.
January 6— <i>Monday</i>	Classes resume 8:00 a.m.
11— <i>Saturday</i>	Written Comprehensive Examinations 9:00 a.m.
17— <i>Friday</i>	Classes end 5:00 p.m.
21— <i>Tuesday</i>	Exams begin 9:00 a.m.
25— <i>Saturday</i>	Exams end 4:00 p.m.

SPRING SEMESTER 1968-69

February 2— <i>Sunday</i>	Dormitories open
3— <i>Monday</i>	Registration 1:00 p.m.-5:00 p.m.
4— <i>Tuesday</i>	Registration 9:00 a.m.-12:00 noon
5— <i>Wednesday</i>	Classes begin 8:00 a.m.
March 22— <i>Saturday</i>	Graduate Record Examinations 9:00 a.m.
28— <i>Friday</i>	Spring Recess begins 5:00 p.m.
April 7— <i>Monday</i>	Classes resume 8:00 a.m.
19— <i>Saturday</i>	Pre-registration 9:00 a.m.-1:00 p.m.
19— <i>Saturday</i>	Written Comprehensive Examinations 9:00 a.m.
May 23— <i>Friday</i>	Classes end 5:00 p.m.
27— <i>Tuesday</i>	Exams begin 9:00 a.m.
31— <i>Saturday</i>	Exams end 4:00 p.m.
June 7— <i>Saturday</i>	Alumni Day
8— <i>Sunday</i>	Baccalaureate 10:45 a.m.
8— <i>Sunday</i>	Commencement 3:00 p.m.

SUMMER SESSIONS 1969

FIRST SESSION

June 16— <i>Monday</i>	Registration 8:00 a.m. Classes begin 10:00 a.m.
July 11— <i>Friday</i>	First session ends 12:00 noon.

SECOND SESSION

July 14— <i>Monday</i>	Registration 8:00 a.m. Classes begin 10:00 a.m.
August 8— <i>Friday</i>	Second session ends 12:00 noon.

FRESHMAN TERM (Optional)

August 16— <i>Saturday</i>	11:00 a.m. Freshman Term begins.
September 10— <i>Wednesday</i>	5:00 p.m. Freshman Term ends.

FALL SEMESTER 1969-70

September	14— <i>Sunday</i>	Dormitories open.
	15— <i>Monday</i>	Registration 1:00 p.m.-5:00 p.m.
	16— <i>Tuesday</i>	Registration 9:00 a.m.-12:00 noon
	17— <i>Wednesday</i>	Classes begin 8:00 a.m.
November	25— <i>Tuesday</i>	Thanksgiving recess begins 5:00 p.m.
December	1— <i>Monday</i>	Classes resume 8:00 a.m.
	6— <i>Saturday</i>	Graduate Record Examinations 9:00 a.m.
	13— <i>Saturday</i>	Pre-registration 9:00 a.m.-1:00 p.m.
	19— <i>Friday</i>	Christmas recess begins 5:00 p.m.
January	5— <i>Monday</i>	Classes resume 8:00 a.m.
	10— <i>Saturday</i>	Written Comprehensive Examinations 9:00 a.m.
	16— <i>Friday</i>	Classes end 5:00 p.m.
	20— <i>Tuesday</i>	Exams begin 9:00 a.m.
	24— <i>Saturday</i>	Exams end 4:00 p.m.

SPRING SEMESTER 1969-70

February	1— <i>Sunday</i>	Dormitories open
	2— <i>Monday</i>	Registration 1:00 p.m.-5:00 p.m.
	3— <i>Tuesday</i>	Registration 9:00 a.m.-12:00 noon
	4— <i>Wednesday</i>	Classes begin 8:00 a.m.
March	21— <i>Saturday</i>	Graduate Record Examinations 9:00 a.m.
	26— <i>Thursday</i>	Spring recess begins 5:00 p.m.
April	6— <i>Monday</i>	Classes resume 8:00 a.m.
	18— <i>Saturday</i>	Pre-registration 9:00 a.m.-1:00 p.m.
	18— <i>Saturday</i>	Written Comprehensive Examinations 9:00 a.m.
May	22— <i>Friday</i>	Classes end 5:00 p.m.
	26— <i>Tuesday</i>	Exams begin 9:00 a.m.
	30— <i>Saturday</i>	Exams end 4:00 p.m.
June	6— <i>Saturday</i>	Alumni Day
	7— <i>Sunday</i>	Baccalaureate 10:45 a.m.
	7— <i>Sunday</i>	Commencement 3:00 p.m.

SUMMER SESSIONS 1970

FIRST SESSION

June	15— <i>Monday</i>	Registration 8:00 a.m. Classes begin 10:00 a.m.
July	10— <i>Friday</i>	First session ends 12:00 noon

SECOND SESSION

July	13— <i>Monday</i>	Registration 8:00 a.m. Classes begin 10:00 a.m.
August	7— <i>Friday</i>	Second session ends 12:00 noon

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COMMUNICATION WITH THE COLLEGE

This catalog contains pertinent information about the college, its philosophy, programs, policies, regulations and offerings. All students and prospective students are urged to read it carefully and completely.

Inquiries of a specific nature should be addressed as follows:

DEAN OF THE COLLEGE:

Information about faculty and faculty activities.
Academic work of students in college.

TREASURER:

Payment of college bills.
Inquiries concerning expenses.

DIRECTOR OF DEVELOPMENT:

Gifts or bequests.

ASSISTANT TO THE PRESIDENT:

Alumni Information.
Public Relations.

DEAN OF STUDENT SERVICES:

Questions or problems concerning students' health.
Residence and campus regulations

REGISTRAR:

Requests for transcripts.
Notices of withdrawal.

DIRECTOR OF ADMISSIONS:

Admission to the freshman class.
Admission with advanced standing.
Re-entry of students to Lycoming College.
Requests for catalogs.

PLACEMENT OFFICE:

Opportunities for self-help.
Employment while in college.
Employment upon graduation.

DIRECTOR OF STUDENT AID:

Scholarships and loan funds for students in college.
Financial assistance for entering students.

Address: LYCOMING COLLEGE, Williamsport, Pennsylvania 17701

Telephone Information: Local Calls 326-1951

DDD 717 plus 326-1951

AAA Mileage from Lycoming College to:

Akron	290
Albany	268
Allentown	122
Altoona	95
Baltimore	163
Binghamton	126
Buffalo	200
Clarksburg	300
Cleveland	296
Elmira	75
Erie	235
Harrisburg	90
New York City	205
Philadelphia	182
Pittsburgh	200
Rochester	167
Scranton	88
Syracuse	163
Utica	216
Washington	200
Wilkes-Barre	68
Wilmington	174





LYCOMING COLLEGE
WILLIAMSPORT, PA. 17701
